

Dear Sirs,

We are pleased to inform you that SIVA has completed his own family of satellite cables, introducing into its production a new range of **TRIPLE SHIELD BROADBAND WITH HIGH SHIELDING EFFICIENCY >105dB**.

SAT 35876 TRS **ø 5.30 mm** - RG 59 reference
SAT 37856 TRS **ø 6.00 mm** - RG 59 reference
SAT 46836 TRS **ø 6.70 mm** - RG 6 reference
SAT 48836 TRS **ø 6.90 mm** - RG 6+ reference
SAT 72726 TRS **ø 10.10 mm** - RG 11 reference

The code of these cables is **SAT ... TRS** and it means **TRIPLE-SHIELD**.

Thanks to the use of special tape **LAS** (triple aluminium + surline) and to their mechanical construction, we were able to get shielding levels achieving **CLASS A++** of current standard **EN50117**.

SKIN – FOAM – SKIN GAS INJECTED DIELECTRIC

Thanks to this extrusion technique, we are able to combine the merits of solid polythene “Duration and resistant to mechanical stress” with the merits of expanded polythene “Low Attenuation”.

The dielectric presents:

A first layer of skin-solid polythene film that seals to the inner conductor allowing protection against humidity.

A second layer of perfectly homogeneous expanded foam cells guaranteeing inner conductor concentricity in the case of curvature and bending.

A third external layer of skin-solid polythene film that protects the cable from humidity ensuring the mechanical and electrical characteristics over time.

DOUBLE TRIPLEX ALUMINIUM TAPE BONDED TO THE DIELECTRIC AND SHEATH

Thanks to these composites aluminum multi-laminated tapes, we guarantee a screening effectiveness > 105dB, and these tapes acts as a barriers against humidity.

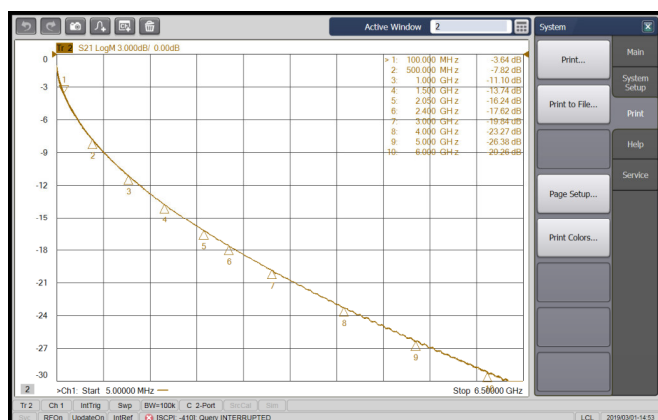
With the diffusion of new telecommunications systems, radio and television emissions, we are always submitting the great problem of electromagnetic pollution and electro smog.

The electromagnetic waves when they are of particular entity interfere on the TV-SAT and BROADCAST SIGNAL.

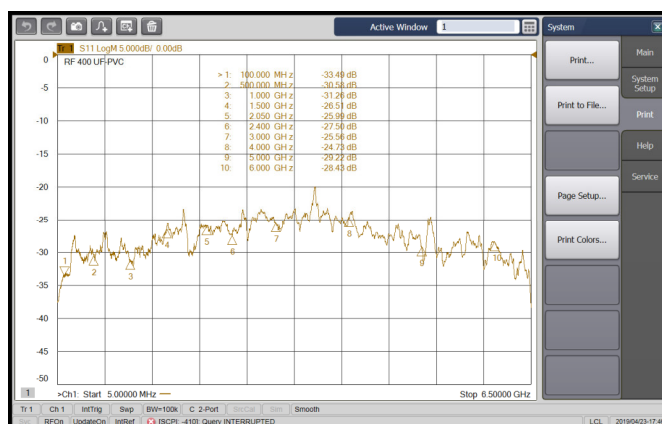
In the digital age, to solve this problem is very important and for this reason the choice of satellite cable must be more than ever scrupulous and made keeping in mind the screening effectiveness, that is the capacity of the external conductor (tape + screen) to block the interferences of external signal.

It is not possible to obtain a high screening efficiency using thin tape and screens with covering very low.

This new range of cables have been studied and manufactured with the purpose to have perfect and constant electrical performance till 5 Mhz to 6 Ghz.



Attenuations graphic



Structural Return Loss (SRL) graphic



The sheats are produced with PVC all in compliance to the “ **Directive RoHS3 2011/65/EC and 2015/863** ” that forbids the use of dangerous substances as lead, mercury, cadmium hexavalent chromium and their compounds.



From July 2017 as prescribed in **CPR UE 305/2011**, our cables have been tested by the Italian notified bodies and they have obtained the certification.

Regarding the **CPR** rules and the **D.o.P.** (declaration of performance), please look at web site: **WWW.SIVACAVI.IT**



We proudly underline that our full production range is **MADE IN BERGAMO - ITALY**, completely produced in our plant in Bonate sotto with high quality European raw materials.

We are at your disposal for any further information request and we should be glad to submit you our best offer.
Looking forward to hearing from you we remain

Yours faithfully

SI.VA SRL



FABBRICA CAVI - ANTENNE - ACCESSORI TV



SAT 35546

SATELLITE AND DIGITAL DROP CABLE

RECOMMENDED APPLICATION :

CROWDED CABLE DUCTS

Class CPR **E_{ca}**

CATEGORY

B
EN 50117

CU ø 0,80 mm	PEG ø 3,50 mm	LTA ø 3,60 mm	ALL ø 4,25 mm	PVC2 ø 5,30 mm
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| A | B | C | D | E |

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,50 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 12 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	48 x 0,16 mm
	- COVERAGE		54%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,30 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 35546 75 Ohm	
		MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	4,5
- ALUMINIUM	2,8
PLASTIC	15,8
- TOTAL	24,1

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	35,0 Ohm/Km
CAPACITANCE	53 pF/m	- BRAID	26,0 Ohm/Km
VELOCITY RATIO	84%	TENSION	
		- SHEATH	2,5 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,6	470 MHz	17,1	1500 MHz	31,8
10 MHz	2,2	600 MHz	19,4	1750 MHz	33,9
50 MHz	5,1	800 MHz	22,3	2150 MHz	38,8
100 MHz	7,7	862 MHz	23,4	2400 MHz	41,6
200 MHz	10,9	1000 MHz	26,0	2750 MHz	45,3
300 MHz	13,3	1350 MHz	29,6	3000 MHz	47,7

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>32
470 ÷ 862	MHz	>29
862 ÷ 2150	MHz	>26
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<15	mOhm/m
	30 ÷ 1000	MHz	>80	dB
	1000 ÷ 2000	MHz	>70	dB
	2000 ÷ 3000	MHz	>60	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 35876 PRO

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
CROWDED CABLE DUCTS

Class CPR **E_{ca}**

CATEGORY

A
EN 50117

CU	PEG	LTA	ALL	PVC2
ø 0,80 mm	ø 3,50 mm	ø 3,60 mm	ø 4,25 mm	ø 5,30 mm



	A		B		C		D		E	
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MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,50 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 12 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	96 x 0,16 mm
	- COVERAGE		87%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,30 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 35876 PRO 75 Ohm CLASSE A LTE READY	
		MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE ø EXTERNAL X 5
- REPEATED ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER 4,5
- ALUMINIUM 5,5
- PLASTIC 15,8
- TOTAL 26,8

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 35,0 Ohm/Km
- BRAID 11,0 Ohm/Km

TENSION

- SHEATH SPARK TESTING 2,5 kV

ATTENUATIONS dB/100 m.

5 MHz	1,6	470 MHz	17,1	1500 MHz	31,8
10 MHz	2,2	600 MHz	19,4	1750 MHz	33,9
50 MHz	5,1	800 MHz	22,3	2150 MHz	38,8
100 MHz	7,7	862 MHz	23,4	2400 MHz	41,6
200 MHz	10,9	1000 MHz	26,0	2750 MHz	45,3
300 MHz	13,3	1350 MHz	29,6	3000 MHz	47,7

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>32
470 ÷ 862	MHz	>29
862 ÷ 2150	MHz	>26
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>85	dB
	1000 ÷ 2000	MHz	>75	dB
	2000 ÷ 3000	MHz	>65	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 35876 TRS

BROADBAND DISTRIBUTION NETWORKS

RECOMMENDED APPLICATION :

HIGH SCREENING EFFECTIVENESS INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

A++

EN 50117

CU	PEG	LAS	ALL	LAS	PVC2
ø 0,80 mm	ø 3,50 mm	ø 3,60 mm	ø 4,25 mm	ø 4,35 mm	ø 5,30 mm



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,50 ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 12 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	96 x 0,16 mm
	- COVERAGE		87%
E	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 12 mm
	- COVERAGE		100%
F	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,30 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 35876 TRS 75 Ohm CLASSE A++ LTE READY	
		MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	4,5
- ALUMINIUM	5,5
PLASTIC	15,8
- TOTAL	28,2

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	35,0 Ohm/Km
- BRAID	8,0 Ohm/Km

TENSION

- SHEATH	2,5 kV
SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,6	470 MHz	17,1	1500 MHz	31,8
10 MHz	2,2	600 MHz	19,4	1750 MHz	33,9
50 MHz	5,1	800 MHz	22,3	2150 MHz	38,8
100 MHz	7,7	862 MHz	23,4	2400 MHz	41,6
200 MHz	10,9	1000 MHz	26,0	2750 MHz	45,3
300 MHz	13,3	1350 MHz	29,6	3000 MHz	47,7

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>32
470 ÷ 862	MHz	>29
862 ÷ 2150	MHz	>26
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<0,9	mOhm/m
	30 ÷ 1000	MHz	>105	dB
	1000 ÷ 2000	MHz	>95	dB
	2000 ÷ 3000	MHz	>85	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV



SAT 37526

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
CROWDED CABLE DUCTS

Class CPR **E_{ca}**

CATEGORY

A
EN 50117

CU ø 0,80 mm	PEG ø 3,65 mm	LTA ø 3,75 mm	ALL ø 4,40 mm	PVC2 ø 6,00 mm
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	A		B		C		D		E	
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MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,65 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 15 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	48 x 0,16 mm
	- COVERAGE		52%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,00 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 37526 75 Ohm CLASSE A LTE READY	
		MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE ø EXTERNAL X 5
- REPEATED ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER 4,5
- ALUMINIUM 2,8
- PLASTIC 23,8
- TOTAL 32,5

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 35,0 Ohm/Km
- BRAID 28,0 Ohm/Km

TENSION

- SHEATH SPARK TESTING 4,0 kV

ATTENUATIONS dB/100 m.

5 MHz 1,6	470 MHz 16,7	1500 MHz 31,1
10 MHz 2,2	600 MHz 18,9	1750 MHz 33,2
50 MHz 5,1	800 MHz 21,8	2150 MHz 38,0
100 MHz 7,6	862 MHz 22,8	2400 MHz 40,7
200 MHz 10,7	1000 MHz 25,4	2750 MHz 44,3
300 MHz 13,0	1350 MHz 29,0	3000 MHz 46,7

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>29
470 ÷ 862	MHz	>27
862 ÷ 2150	MHz	>24
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>85	dB
	1000 ÷ 2000	MHz	>75	dB
	2000 ÷ 3000	MHz	>65	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 37856 PRO

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
CROWDED CABLE DUCTS

Class CPR **E_{ca}**

CATEGORY

A
EN 50117

CU ø 0,80 mm	PEG ø 3,65 mm	LTA ø 3,75 mm	ALL ø 4,40 mm	PVC2 ø 6,00 mm
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	A		B		C		D		E	
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MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,65 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 15 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	96 x 0,16 mm
	- COVERAGE		85%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,00 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ##	
SIVA SAT 37856 PRO 75 Ohm CLASSE A LTE READY			
MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca			

MINIMUM BENDING RADIUS (mm)

- SINGLE ø EXTERNAL X 5
- REPEATED ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER 4,5
- ALUMINIUM 5,5
- PLASTIC 23,8
- TOTAL 35,2

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
CAPACITANCE	53 pF/m	- INNER CONDUCT.	35,0 Ohm/Km
VELOCITY RATIO	84%	- BRAID	12,0 Ohm/Km
		TENSION	
		- SHEATH	4,0 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz 1,6	470 MHz 16,7	1500 MHz 31,1
10 MHz 2,2	600 MHz 18,9	1750 MHz 33,2
50 MHz 5,1	800 MHz 21,8	2150 MHz 38,0
100 MHz 7,6	862 MHz 22,8	2400 MHz 40,7
200 MHz 10,7	1000 MHz 25,4	2750 MHz 44,3
300 MHz 13,0	1350 MHz 29,0	3000 MHz 46,7

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>29
470 ÷ 862	MHz	>27
862 ÷ 2150	MHz	>24
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>80	dB
	2000 ÷ 3000	MHz	>70	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 37856 TRS

BROADBAND DISTRIBUTION NETWORKS

RECOMMENDED APPLICATION :

HIGH SCREENING EFFECTIVENESS INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

A++

EN 50117

CU	PEG	LAS	ALL	LAS	PVC2
ø 0,80 mm	ø 3,65 mm	ø 3,75 mm	ø 4,40 mm	ø 4,50 mm	ø 6,00 mm



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,65 ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 15 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	96 x 0,16 mm
	- COVERAGE		85%
E	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 15 mm
	- COVERAGE		100%
F	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,00 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 37856 TRS 75 Ohm CLASSE A++ LTE READY	
		MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	4,5
- ALUMINIUM	5,5
PLASTIC	23,8
- TOTAL	37,4

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	35,0 Ohm/Km
- BRAID	8,0 Ohm/Km

TENSION

- SHEATH	4,0 kV
SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,6	470 MHz	16,7	1500 MHz	31,1
10 MHz	2,2	600 MHz	18,9	1750 MHz	33,2
50 MHz	5,1	800 MHz	21,8	2150 MHz	38,0
100 MHz	7,6	862 MHz	22,8	2400 MHz	40,7
200 MHz	10,7	1000 MHz	25,4	2750 MHz	44,3
300 MHz	13,0	1350 MHz	29,0	3000 MHz	46,7

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>29
470 ÷ 862	MHz	>27
862 ÷ 2150	MHz	>24
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<0,9	mOhm/m
	30 ÷ 1000	MHz	>105	dB
	1000 ÷ 2000	MHz	>95	dB
	2000 ÷ 3000	MHz	>85	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV



SAT 46446

SATELLITE AND DIGITAL DROP CABLE

RECOMMENDED APPLICATION :

MEDIUM AND BIG INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

B
EN 50117

CU ø 1,00 mm	PEG ø 4,60 mm	LTA ø 4,70 mm	ALL ø 5,35 mm	PVC2 ø 6,70 mm
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	A		B		C		D		E	
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MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 1,00 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 4,60 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 18 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	48 x 0,16 mm
	- COVERAGE		44%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,70 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 46446 75 Ohm	
		MADE IN ITALY CE 57 SETT/ANNO EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	7,0
- ALUMINIUM	2,8
PLASTIC	25,3
- TOTAL	36,8

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	22,5 Ohm/Km
- BRAID	21,0 Ohm/Km

TENSION

- SHEATH SPARK TESTING	3,5 kV
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ATTENUATIONS dB/100 m.

5 MHz	1,5	470 MHz	13,5	1500 MHz	25,6
10 MHz	2,0	600 MHz	15,4	1750 MHz	27,4
50 MHz	4,2	800 MHz	17,9	2150 MHz	31,0
100 MHz	6,2	862 MHz	18,5	2400 MHz	33,1
200 MHz	8,7	1000 MHz	20,5	2750 MHz	36,1
300 MHz	10,4	1350 MHz	23,8	3000 MHz	38,2

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>29
470 ÷ 862	MHz	>27
862 ÷ 2150	MHz	>24
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<15	mOhm/m
	30 ÷ 1000	MHz	>80	dB
	1000 ÷ 2000	MHz	>70	dB
	2000 ÷ 3000	MHz	>60	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 46836 PRO

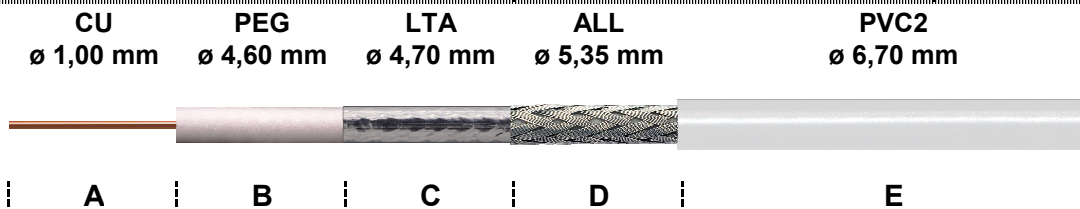
DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
MEDIUM AND BIG INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

A
EN 50117



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,00 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 4,60 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	.....	h. 18 mm
		- COVERAGE	.....	100%
D	BRAID	ALUMINIUM	.....	112 x 0,16 mm
		- COVERAGE	.....	83%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 6,70 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003		
	- PRINTING	## METER ##		
MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca				

MINIMUM BENDING RADIUS (mm)

- SINGLE ø EXTERNAL X 5
- REPEATED ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER 7,0
- ALUMINIUM 6,5
- PLASTIC 25,3
- TOTAL 40,5

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 22,5 Ohm/Km
- BRAID 11,0 Ohm/Km

TENSION

- SHEATH SPARK TESTING 3,5 kV

ATTENUATIONS dB/100 m.

5 MHz	1,5	470 MHz	13,5	1500 MHz	25,6
10 MHz	2,0	600 MHz	15,4	1750 MHz	27,4
50 MHz	4,2	800 MHz	17,9	2150 MHz	31,0
100 MHz	6,2	862 MHz	18,5	2400 MHz	33,1
200 MHz	8,7	1000 MHz	20,5	2750 MHz	36,1
300 MHz	10,4	1350 MHz	23,8	3000 MHz	38,2

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>29
470 ÷ 862	MHz	>27
862 ÷ 2150	MHz	>24
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>80	dB
	2000 ÷ 3000	MHz	>70	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 46836 TRS

BROADBAND DISTRIBUTION NETWORKS

RECOMMENDED APPLICATION :

HIGH SCREENING EFFECTIVENESS INSTALLATIONS

Class CPR **E_{ca}**

A++
EN 50117

CU	PEG	LAS	ALL	LAS	PVC2
ø 1,00 mm	ø 4,60 mm	ø 4,70 mm	ø 5,35 mm	ø 5,45 mm	ø 6,70 mm



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 1,00 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 4,60 ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 18 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	112 x 0,16 mm
	- COVERAGE		83%
E	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 18 mm
	- COVERAGE		100%
F	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,70 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 46836 TRS 75 Ohm CLASSE A++ LTE READY	
		MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	7,0
- ALUMINIUM	6,5
PLASTIC	25,3
- TOTAL	43,2

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	22,5 Ohm/Km
- BRAID	7,0 Ohm/Km

TENSION

- SHEATH	3,5 kV
SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,5	470 MHz	13,5	1500 MHz	25,6
10 MHz	2,0	600 MHz	15,4	1750 MHz	27,4
50 MHz	4,2	800 MHz	17,9	2150 MHz	31,0
100 MHz	6,2	862 MHz	18,5	2400 MHz	33,1
200 MHz	8,7	1000 MHz	20,5	2750 MHz	36,1
300 MHz	10,4	1350 MHz	23,8	3000 MHz	38,2

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>29
470 ÷ 862	MHz	>27
862 ÷ 2150	MHz	>24
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<0,9	mOhm/m
	30 ÷ 1000	MHz	>105	dB
	1000 ÷ 2000	MHz	>95	dB
	2000 ÷ 3000	MHz	>85	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 48436

SATELLITE AND DIGITAL DROP CABLE

RECOMMENDED APPLICATION :

MEDIUM AND BIG INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

B
EN 50117

CU ø 1,13 mm	PEG ø 4,80 mm	LTA ø 4,90 mm	ALL ø 5,55 mm	PVC2 ø 6,90 mm
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	A		B		C		D		E	
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MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 1,13 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 4,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 18 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	48 x 0,16 mm
	- COVERAGE		43%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,90 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 48436 75 Ohm	
		MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE ø EXTERNAL X 5
- REPEATED ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER 9,0
- ALUMINIUM 2,8
- PLASTIC 26,3
- TOTAL 39,8

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 17,2 Ohm/Km
- BRAID 23,0 Ohm/Km

TENSION

- SHEATH SPARK TESTING 3,5 kV

ATTENUATIONS dB/100 m.

5 MHz 1,0	470 MHz 12,0	1500 MHz 23,5
10 MHz 1,5	600 MHz 13,9	1750 MHz 25,3
50 MHz 3,7	800 MHz 16,2	2150 MHz 28,5
100 MHz 5,4	862 MHz 16,7	2400 MHz 30,5
200 MHz 7,8	1000 MHz 18,4	2750 MHz 33,0
300 MHz 9,4	1350 MHz 21,8	3000 MHz 35,0

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>30
862 ÷ 2150	MHz	>27
2150 ÷ 3000	MHz	>25

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<15	mOhm/m
	30 ÷ 1000	MHz	>80	dB
	1000 ÷ 2000	MHz	>70	dB
	2000 ÷ 3000	MHz	>60	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 48836 PRO

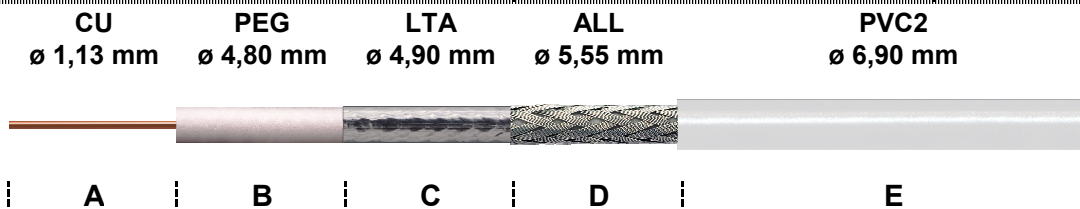
DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
MEDIUM AND BIG INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

A
EN 50117



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,13 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 4,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	.....	h. 18 mm
		- COVERAGE	.....	100%
D	BRAID	ALUMINIUM	.....	112 x 0,16 mm
		- COVERAGE	.....	83%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 6,90 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003		
	- PRINTING	## METER ##		
SIVA SAT 48836 PRO 75 Ohm CLASSE A LTE READY				
MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca				

MINIMUM BENDING RADIUS (mm)

- SINGLE ø EXTERNAL X 5
- REPEATED ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER 9,0
- ALUMINIUM 6,5
- PLASTIC 26,3
- TOTAL 43,5

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 17,2 Ohm/Km
- BRAID 11,0 Ohm/Km

TENSION

- SHEATH SPARK TESTING 3,5 kV

ATTENUATIONS dB/100 m.

5 MHz	1,0	470 MHz	12,0	1500 MHz	23,5
10 MHz	1,5	600 MHz	13,9	1750 MHz	25,3
50 MHz	3,7	800 MHz	16,2	2150 MHz	28,5
100 MHz	5,4	862 MHz	16,7	2400 MHz	30,5
200 MHz	7,8	1000 MHz	18,4	2750 MHz	33,0
300 MHz	9,4	1350 MHz	21,8	3000 MHz	35,0

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>30
862 ÷ 2150	MHz	>27
2150 ÷ 3000	MHz	>25

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>80	dB
	2000 ÷ 3000	MHz	>70	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 48836 TRS

BROADBAND DISTRIBUTION NETWORKS

RECOMMENDED APPLICATION :

HIGH SCREENING EFFECTIVENESS INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

A++

EN 50117

CU	PEG	LAS	ALL	LAS	PVC2
ø 1,13 mm	ø 4,80 mm	ø 4,90 mm	ø 5,55 mm	ø 5,65 mm	ø 6,90 mm



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 1,13 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 4,80 ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 18 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	112 x 0,16 mm
	- COVERAGE		83%
E	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 18 mm
	- COVERAGE		100%
F	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,90 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 48836 TRS 75 Ohm CLASSE A++ LTE READY	
		MADE IN ITALY CE 57 WEEK/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	9,0
- ALUMINIUM	6,5
PLASTIC	26,3
- TOTAL	46,2

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	17,2 Ohm/Km
- BRAID	7,0 Ohm/Km

TENSION

- SHEATH	3,5 kV
SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,0	470 MHz	12,0	1500 MHz	23,5
10 MHz	1,5	600 MHz	13,9	1750 MHz	25,3
50 MHz	3,7	800 MHz	16,2	2150 MHz	28,5
100 MHz	5,4	862 MHz	16,7	2400 MHz	30,5
200 MHz	7,8	1000 MHz	18,4	2750 MHz	33,0
300 MHz	9,4	1350 MHz	21,8	3000 MHz	35,0

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>30
862 ÷ 2150	MHz	>27
2150 ÷ 3000	MHz	>25

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<0,9	mOhm/m
	30 ÷ 1000	MHz	>105	dB
	1000 ÷ 2000	MHz	>95	dB
	2000 ÷ 3000	MHz	>85	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV



SAT 48836 INT

DIGITAL DROP CABLE

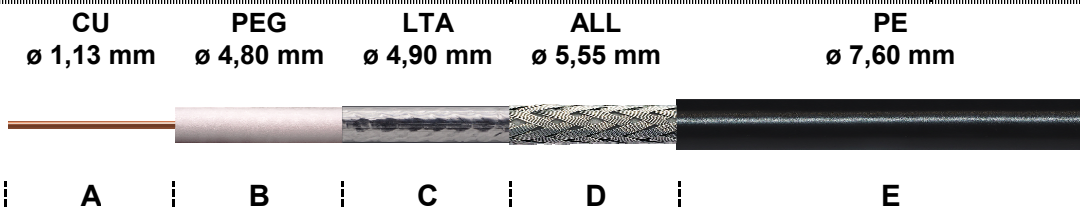
RECOMMENDED APPLICATION :

UNDERGROUND LAYING DISTRIBUTION CABLE

Class CPR **F_{ca}**

CATEGORY

A
EN 50117



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	$\varnothing 1,13 \text{ mm}$
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	$\varnothing 4,80 \pm 0,10 \text{ mm}$
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 18 mm
		- COVERAGE	100%
D	BRAID	ALUMINIUM	112 x 0,16 mm
		- COVERAGE	83%
E	SHEATH	CARBON BLACK POLYETHYLENE	$\varnothing 7,60 \pm 0,10 \text{ mm}$
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## SIVA SAT 48836 INT 75 Ohm CLASSE A LTE READY	
		MADE IN ITALY CE 57 WEEK/YEAR	

MINIMUM BENDING RADIUS (mm)

- SINGLE	$\varnothing \text{ EXTERNAL X } 5$
- REPEATED	$\varnothing \text{ EXTERNAL X } 10$

CABLE WEIGHT (Kg/Km)

- COPPER	9,0
- ALUMINIUM	6,5
PLASTIC	26,8
- TOTAL	44,0

TEMPERATURE RANGE $-40^\circ\text{C} / +75^\circ\text{C}$

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE $75 \pm 3 \text{ Ohm}$

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	17,2 Ohm/Km
- BRAID	11,0 Ohm/Km

TENSION

- SHEATH	7,5 kV
SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,0	470 MHz	12,0	1500 MHz	23,5
10 MHz	1,5	600 MHz	13,9	1750 MHz	25,3
50 MHz	3,7	800 MHz	16,2	2150 MHz	28,5
100 MHz	5,4	862 MHz	16,7	2400 MHz	30,5
200 MHz	7,8	1000 MHz	18,4	2750 MHz	33,0
300 MHz	9,4	1350 MHz	21,8	3000 MHz	35,0

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>30
862 ÷ 2150	MHz	>27
2150 ÷ 3000	MHz	>25

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>80	dB
	2000 ÷ 3000	MHz	>70	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 72726 PRO

DIGITAL DROP CABLE

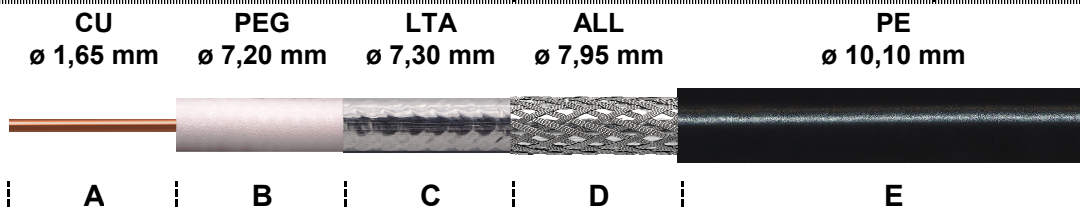
RECOMMENDED APPLICATION :

UNDERGROUND LAYING DISTRIBUTION CABLE

Class CPR **F_{ca}**

CATEGORY

A
EN 50117



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,65 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 7,20 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	.....	h. 27 mm
		- COVERAGE	.....	100%
D	BRAID	ALUMINIUM	.....	128 x 0,16 mm
		- COVERAGE	.....	72%
E	SHEATH	CARBON BLACK POLYETHYLENE	.....	ø 10,10 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	## METER ## SIVA SAT 72726 PRO 75 Ohm CLASSE A LTE READY		
		MADE IN ITALY CE 57 WEEK/YEAR		

MINIMUM BENDING RADIUS (mm)

- SINGLE ø EXTERNAL X 5
- REPEATED ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER 19,2
- ALUMINIUM 7,8
- PLASTIC 44,1
- TOTAL 73,6

TEMPERATURE RANGE -40 °C / +75 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 8,2 Ohm/Km
- BRAID 7,4 Ohm/Km

TENSION

- SHEATH SPARK TESTING 8,0 kV

ATTENUATIONS dB/100 m.

5 MHz	0,9	470 MHz	8,6	1500 MHz	16,4
10 MHz	1,2	600 MHz	9,8	1750 MHz	17,8
50 MHz	2,8	800 MHz	11,7	2150 MHz	19,5
100 MHz	3,8	862 MHz	11,9	2400 MHz	20,4
200 MHz	5,4	1000 MHz	12,9	2750 MHz	22,1
300 MHz	6,5	1350 MHz	15,3	3000 MHz	23,5

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>26
862 ÷ 2150	MHz	>23
2150 ÷ 3000	MHz	>20

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>85	dB
	1000 ÷ 2000	MHz	>75	dB
	2000 ÷ 3000	MHz	>65	dB

The producer reserves himself to make modification on the item without any notice.



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 72726 TRS

BROADBAND DISTRIBUTION NETWORKS

RECOMMENDED APPLICATION :

UNDERGROUND LAYING DISTRIBUTION CABLE

Class CPR **F_{ca}**

CATEGORY

A++

EN 50117

CU	PEG	LAS	ALL	LAS	PE
ø 1,65 mm	ø 7,20 mm	ø 7,30 mm	ø 7,95 mm	ø 8,05 mm	ø 10,10 mm



A	B	C	D	E	F
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MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 1,65 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 7,20 ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 27 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	128 x 0,16 mm
	- COVERAGE		72%
E	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 27 mm
	- COVERAGE		100%
F	SHEATH	CARBON BLACK POLYETHYLENE	ø 10,10 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## SIVA SAT 72726 TRS 75 Ohm CLASSE A++ LTE READY	
		MADE IN ITALY CE 57 WEEK/YEAR	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	19,2
- ALUMINIUM	7,8
- PLASTIC	44,1
- TOTAL	77,7

TEMPERATURE RANGE -40 °C / +75 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	8,2 Ohm/Km
- BRAID	4,4 Ohm/Km

TENSION

- SHEATH	8,0 kV
- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	0,9	470 MHz	8,6	1500 MHz	16,4
10 MHz	1,2	600 MHz	9,8	1750 MHz	17,8
50 MHz	2,8	800 MHz	11,7	2150 MHz	19,5
100 MHz	3,8	862 MHz	11,9	2400 MHz	20,4
200 MHz	5,4	1000 MHz	12,9	2750 MHz	22,1
300 MHz	6,5	1350 MHz	15,3	3000 MHz	23,5

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>26
862 ÷ 2150	MHz	>23
2150 ÷ 3000	MHz	>20

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<0,9	mOhm/m
	30 ÷ 1000	MHz	>105	dB
	1000 ÷ 2000	MHz	>95	dB
	2000 ÷ 3000	MHz	>85	dB

The producer reserves himself to make modification on the item without any notice.