



FABBRICA CAVI - ANTENNE - ACCESSORI TV



TX 529 FLEX-ZH

TRIAXIAL CABLE

CS 19 x 0,18 mm PE ø 2,95 mm CS ø 3,50 mm LSZH ø 5,00 mm CS ø 5,50 mm LSZH ø 7,20 mm



| A | B | C | D | E | F |

MECHANICAL DATA

A	INNER CONDUCT.	TINNED COPPER	19 x 0,18 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 2,95 ± 0,10 mm
C	1° BRAID	TINNED COPPER	112 x 0,13 mm
	- COVERAGE		95%
D	1° SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 5,00 ± 0,10 mm
E	2° BRAID	TINNED COPPER	168 x 0,13 mm
	- COVERAGE		94%
F	2° SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 7,20 ± 0,20 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	SIVA TRIAX 529 FLEX-ZH TRIAXIAL CABLE	

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE RANGE -40 °C / +80 °C

CABLE WEIGHT (Kg/Km)

- COPPER	41,7
- PLASTIC	47,6
- TOTAL	89,7

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 2 Ohm
CAPACITANCE	100 pF/m
VELOCITY RATIO	66%

RESISTANCE	
- INNER CONDUCT.	36,5 Ohm/Km
- BRAID	14 Ohm/Km
- BRAID	9 Ohm/Km

INSULATION RESISTANCE

- INNER CONDUCT. / 1° BRAID	>10 ⁴	MOhm/Km
- 1° BRAID / 2° BRAID	>10 ³	MOhm/Km

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,9	849
10	MHz	4,3	600
30	MHz	7,9	346
50	MHz	10,2	268
150	MHz	18,2	155
220	MHz	22,2	128

MAX. POWER RATING W

		dB	W
450	MHz	33,0	89
600	MHz	38,9	77
800	MHz	45,8	67
900	MHz	48,9	63
1000	MHz	52,4	60
1500	MHz	67,0	49

		dB	W
1800	MHz	74,7	44
2000	MHz	79,8	43
2500	MHz	96,6	38
3000	MHz	111,0	35
5200	MHz	175,3	26
5800	MHz	191,7	25

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>27	2000 ÷ 3000	MHz	>18
450 ÷ 1000	MHz	>25	3000 ÷ 4000	MHz	>15
1000 ÷ 2000	MHz	>20	4000 ÷ 5800	MHz	>11

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>76
900 ÷ 2000	MHz	
2000 ÷ 3000	MHz	

La casa costruttrice si riserva di apportare modifiche al prodotto senza preavviso.