



KOAX24 Litze24

KABELKONFEKTION

Bestellnummer / Ordernummer: 050240

RG 058 CU

50 OHM RF COAXIAL CABLE

Class CPR **E_{ca}**

CS PE CS PVC2
19 x 0,18 mm ø 2,95 mm ø 3,40 mm ø 5,00 mm



A B C D

MECHANICAL DATA

A	INNER CONDUCTOR	TINNED COPPER	19 x 0,18 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 2,95 ± 0,10 mm
C	BRAID	TINNED COPPER	144 x 0,10 mm
		- COVERAGE	94%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		ø 5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	M17/28-RG058 MIL-C-17G RG 58 CU 50 Ohm		
		MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca		

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10
TEMPERATURE RANGE	-30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER	15,1
- PLASTIC	22,2
- TOTAL	37,3

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	36,5 Ohm/Km
CAPACITANCE	100 pF/m	- BRAID	15 Ohm/Km
		TENSION	
VELOCITY RATIO	66%	- SHEATH	4,0 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,7	
10	MHz	4,1	
50	MHz	9,7	
100	MHz	13,9	
200	MHz	20,4	
400	MHz	30,0	

MAX. POWER RATING W

		dB	W
500	MHz	34,2	
600	MHz	37,9	
800	MHz	45,1	
1000	MHz	51,8	
1350	MHz	61,2	
1500	MHz	65,6	

		dB	W
1750	MHz	71,6	
2150	MHz	-	
2250	MHz	-	
2500	MHz	-	
2750	MHz	-	
3000	MHz	-	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>28	1000 ÷ 2000	MHz	>20
300 ÷ 600	MHz	>27	2000 ÷ 3000	MHz	>18
600 ÷ 1000	MHz	>25 ÷	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>57
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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

Koax24 / Litze24 ist eine Marke der arnotec GmbH mit Sitz in Karlsruhe, Deutschland

Erreichbar unter www.koax24.de / Litze24.de oder arnotec.de

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