

KOAX24 Litze24

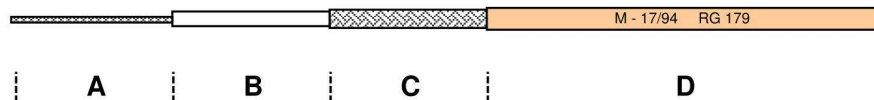
KABELKONFEKTION

Bestellnummer / Ordernummer: 050241

RG 179 BU

75 OHM RF COAXIAL CABLE
MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

CW AG PTFE CA FEP
7 x 0,10 mm ø 1,60 mm ø 2,00 mm ø 2,54 mm



MECHANICAL DATA

A	INNER CONDUCTOR	SILVERED COPPERWELD	7 x 0,10 mm
B	DIELECTRIC	POLYTETRAFLUORETHYLENE (TEFLON)	ø 1,60 ± 0,08 mm
C	BRAID	SILVERED COPPER	80 x 0,10 mm
		- COVERAGE	96%
D	SHEATH	PERFLUOROETHYLENE-PROPYLENE	ø 2,54 ± 0,13 mm
	- COLOUR	BROWN	
	- PRINTING	M - 17/94 RG 179 MIL-C-17F RG 179 BU 75 OHM	

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE RANGE

-100 °C / +200 °C

CABLE WEIGHT (Kg/Km)

- COPPER	6,4
- PLASTIC	8,7
- TOTAL	15,1

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	800 Ohm/Km
CAPACITANCE	64 pF/m	- BRAID	28 Ohm/Km
		TENSION	
VELOCITY RATIO	70%	- SHEATH	0,00
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	10,0	
10	MHz	13,1	
50	MHz	19,0	
100	MHz	25,3	
200	MHz	36,6	
400	MHz	54,7	

MAX. POWER RATING W

		dB	W
500	MHz	62,1	
600	MHz	68,8	
800	MHz	81,1	
1000	MHz	89,3	
1350	MHz	-	
1500	MHz	-	

		dB	W
1750	MHz	-	
2150	MHz	-	
2250	MHz	-	
2500	MHz	-	
2750	MHz	-	
3000	MHz	-	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>22	1000 ÷ 2000	MHz	-
300 ÷ 600	MHz	>22	2000 ÷ 3000	MHz	-
600 ÷ 1000	MHz	>22 ÷	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>52
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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