

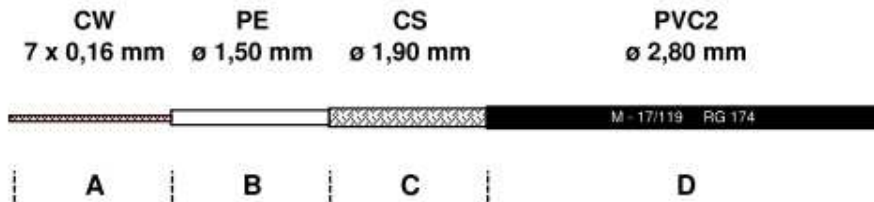
KOAX24 Litze24

KABELKONFEKTION

Bestellnummer / Ordernummer: 050239

RG 174 AU

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



MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	7 x 0,16 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 1,50 ± 0,08 mm
C	BRAID	TINNED COPPER - COVERAGE	64 x 0,10 mm 88%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 2,80 ± 0,13 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	M - 17/119 RG 174 MIL-C-17F RG 174 AU 50 OHM	

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	5,9
- PLASTIC	6,6
- TOTAL	12,5

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 2 Ohm	RESISTANCE	
CAPACITANCE	100 pF/m	- INNER CONDUCT.	282 Ohm/Km
VELOCITY RATIO	66%	- BRAID	39 Ohm/Km
		TENSION	
		- SHEATH	2,0 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	7,4	
10	MHz	9,5	
50	MHz	17,5	
100	MHz	25,8	
200	MHz	38,2	
400	MHz	54,9	

MAX. POWER RATING W

		dB	W
500	MHz	63,1	
600	MHz	68,6	
800	MHz	77,0	
1000	MHz	87,5	
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	>27
300 ÷ 600	MHz	>23
600 ÷ 1000	MHz	>21

1000 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-
..... ÷	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

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