

RG 174 AU LSNH

50 OHM RF COAXIAL CABLE

MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

COMPLIANCE IEC 60754-1 IEC 60754-2 IEC 61034-2

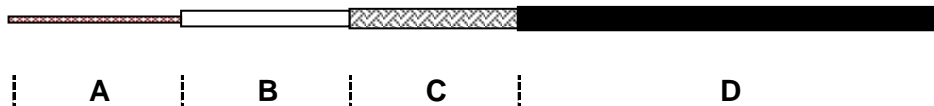
KOAX24



Order number 050278

Class CPR **E_{ca}**

CW 7 x 0,16 mm PE ø 1,50 mm CS ø 1,90 mm LSNH ø 2,80 mm



MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	7 x 0,16 mm (ø 0,48 mm)
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 1,50 ± 0,08 mm
C	BRAID	TINNED COPPER	64 x 0,10 mm
		- COVERAGE	88%
D	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 2,80 ± 0,13 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	M17/119-RG174 MIL-C-17G RG 174 AU-ZH 50 Ohm LSZH	
		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 5,9
- PLASTIC 6,7
- TOTAL 12,6

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 2 Ohm	RESISTANCE	
		- INNER CONDUCT.	282 Ohm/Km
CAPACITANCE	100 pF/m	- BRAID	39 Ohm/Km
VELOCITY RATIO	66%	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

SCREENING EFFECTIVENESS dB

1000 ÷ 2000	MHz	-	100 ÷ 900	MHz	>52
2000 ÷ 3000	MHz	-	900 ÷ 2000	MHz	-
..... ÷	MHz	-	2000 ÷ 3000	MHz	-

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