



- RG - 8 AU 50 OHM TKG COAX - MANUFACTURED IN COMPLIANCE WITH : IEC 60754-1 IEC 60754-2
- IEC 61034-2

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 0,75 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 7,25 ± 0,18 mm
C	BRAID	PLAIN COPPER	144 x 0,20 mm
		- COVERAGE	88%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 10,4 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## RG 8 UL 50 OHM RF TKG COAX CE 58 WEEK/YEAR	

MINIMUM BENDING RADIUS (mm)	CABLE WEIGHT (Kg/Km)
- SINGLE ø EXTERNAL	- COPPER 72,1
X 5 - REPEATED ø EXTERNAL	- PLASTIC
TEMPERATURE RANGE -30 °C / +70 °C	87,0 - TOTAL
	159,1

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 3 Ohm	RESISTANCE	
CAPACITANCE	100 pF/m	- INNER CONDUCT.	6 Ohm/Km
VELOCITY RATIO	66%	- BRAID SHEATH	6 Ohm/Km
		TENSION	
		- SPARK TESTING	5,5 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,3	
10	MHz	1,9	
50	MHz	4,5	
100	MHz	6,9	
200	MHz	10,1	
400	MHz	14,7	

MAX. POWER RATING W

		dB	W
500	MHz	16,7	
600	MHz	18,4	
800	MHz	21,9	
1000	MHz	25,1	
1350	MHz	30,7	
1500	MHz	32,7	

		dB	W
1750	MHz	36,4	
2150	MHz	41,7	
2250	MHz	42,9	
2500	MHz	46,3	
2750	MHz	49,5	
3000	MHz	53,1	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>31	1000 ÷ 2000	MHz	>24
300 ÷ 600	MHz	>28	2000 ÷ 3000	MHz	>22
600 ÷ 1000	MHz	>27 ÷	MHz	-

SCREENING EFFECTIVENESS dB

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



- Die obigen Werte entsprechen den Angaben des Herstellers und können nicht garantiert werden.
- Wir behalten uns das Recht vor, Änderungen ohne vorherige Ankündigung vorzunehmen.
- Alle anderen Größen oder andere Ausführungen auf Anfrage
- The above values correspond to the manufacturer's specifications and are not guaranteed.
- We reserve the right to change details without notice.
- Any other sizes or any other designs available on request.