

# RG 58 A/U-L



RG 58 A/U-L is a coaxial cable with stranded tinned copper wire and with a tinned copper wire braid shield. The material specification of the outer jacket is classified as Low Smoke Zero Halogen (LSZH) material.

## MECHANICAL STRUCTURE

INNER CONDUCTOR	ø0.95 mm (19 x 0.184 mm) Tinned Cu wire
INSULATION	ø2.96 mm PE
OUTER CONDUCTOR	Approx. ø3.6 mm
BRAIDING	Cu-tinned
COVERAGE	95 %
JACKET	ø4.95 ± 0.15 mm LSZH

## ELECTRICAL VALUES

IMPEDANCE	50 ± 3 Ω
CAPACITANCE	100 ± 3 pf/m
VELOCITY RATIO	0.66
<b>RETURN LOSS [dB]</b>	
1 - 2 GHz	>18 dB
2 - 2.5 GHz	>16 dB

## ATTENUATION

FREQUENCY	[dB/100m]	Max. HF-power/W
150 MHz	20.0	210
450 MHz	37.5	150
900 MHz	55.0	
1296 MHz	75.0	
1800 MHz	85.0	
2200 MHz	97.5	
2500 MHz	105.0	

## MECHANICAL VALUES

WEIGHT	Approx. 37 [kg/km] (81.57 [lb/lbs])
MIN. BENDING RADIUS	40 mm (1.57 in)
TEMP. RANGE	-25°C → +80°C



PROCOM A/S reserve the right to amend specifications without prior notice.

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