

Part Number: PL-RG6WPxx

DRAWING:



Index by Part Number:

Part Number	Description
PL-RG6WP3	BC Conductor + BC Power Cord
PL-RG6WP3BA	BC Conductor + CCA Power Cord
PL-RG6WP3SB	CCS Conductor + BC Power Cord
PL-RG6WP3SA	CCS Conductor + CCA Power Cord

Technical Characters:

inner conductor	material	BC or CCS
	diameter	1.02mm (+/- 0.02 mm)
isolation (dielectricum)	material, colour	foamed PE
	diameter	4.57 mm (± 0,1 mm)
	a)shielding	Bonded AL foil
	b)braiding	64x0.15mm AL
Coverage of braiding	filling (%)	90%
outer insulation (jacket)	material	PVC
	diameter	7mm
RG6 with power	Power diameter	0.5mm 0.75mm
Mechanical data:		
min. bending radius	mm	min. 75 mm
temperature range	installation	-5°C to +40°C
Temperatur	operating	-20°C to +50 °C
	storage	-20°C to +50°C

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Electrical Data:		
characteristic impedance	ohms	75 ohms (± 3 ohms)
reduction factor	v/c (%)	82%
capacitance	pF/m oder nF/km	53 nF/km (± 1)
attenuation	< 50 MHz	---
(in dB/100m at 20°C)	50 MHz	4.3 dB
	100 MHz	6.1 dB
	470 MHz	13 dB
	860 MHz	18.5dB
	950 MHz	21 dB
	1750 MHz	27 dB
	2150 MHz	31 dB
	2400 MHz	---
screening factor	30 – 100 MHz	>100 dB
	100 – 1000 MHz	>100 dB
	–1000 2400 MHz	>90 dB
return loss	5 – 65 MHz	22 dB
	65 – 470 MHz	22 dB
	470 – 862 MHz	20 dB
	862 – 2400 MHz	20 dB
transfer impedance	5 MHz	≤ 5 mohm / m @ 5 MHz
	30 MHz	
direct current resistance	ohms / km	inner conductor: 21 ohms/km
		outer conductor: 30 ohms/km