

Co-axial Cable RG 214

Parameters	Specifications
DESIGN	
Inner conductor Stranded wire silver – plated 7 x 0.75	Φ 2.25 mm
Insulation of Polyethylene (PE)	Φ 7.25 mm
Shield braiding of silver –plating copper wires 0.16 mm diameter coverage about 95%	Φ 8.9 mm
ELECTRICAL PARAMETER AT 20° C	
Conductor resistance	≤ 6.2 Ω / km
Insulation resistance	≥10 GΩ / km
Operating Voltage (peak)	≤ 250 Volt
Characteristic impedance	50±2 Ω
Capacitance 800Hz	101 PF /m
Test voltage (wire / screen rms 50Hz 1 min)	5 KV
Relative velocity of propagation	66 %
Operating Temperature	-40 oC to +80 oC
Frequency(MHz)	100 200 300 400 500 1000 1300 2000 2500
Attenuation(dB/100m)	5.2 8.0 10.4 12.7 14.8 24.8 29.8 41.6 49.6
MECH. AND THERMAL CHARACTERISTIC	
Conductor / Screen material	Acc. to DIN EN 13602Cu-ETP-A
Insulating material	Acc. to DIN 50290-2-23(VDE 0819), Table L / MD (HD 624.3)
Jacket Test	Acc .to DIN EN 50290-2-27(HD 624.7)
Flame test	Acc. To IEC60332-1
Bending diameter allowed	Multiple 10 x Φ , Single 7.5 x Φ
Weight Approx.	215 Kg /km
JACKET	
Thermoplastic copolymer (FRNC)	BK
Wall thickness	1.2 mm
Text intervals	0.5 meter

