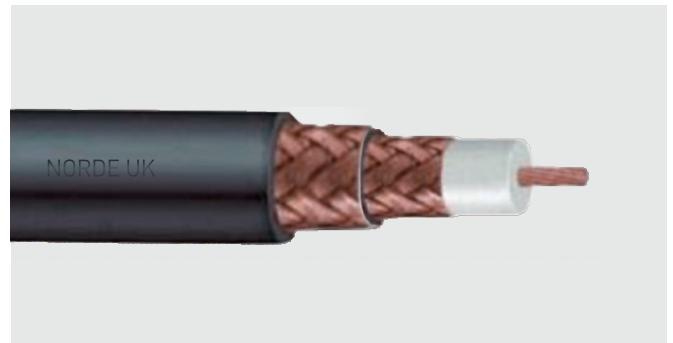


RG 214 COAXIAL CABLE 50 OHM DOUBLE LAYER 96% & 98% COPPER BRAID COVERAGE PVC



Norden RG214 is a common type of 50ohm coaxial cable used in a wide variety of residential and commercial applications. These RG214-type cables have become the standard for CATV, has a Stranded Copper center conductor and double Copper braid shields, typically with high coverage about 96% & 98%. The cable has PE Insulation and PVC Outer Jacket.



CABLE CONSTRUCTION

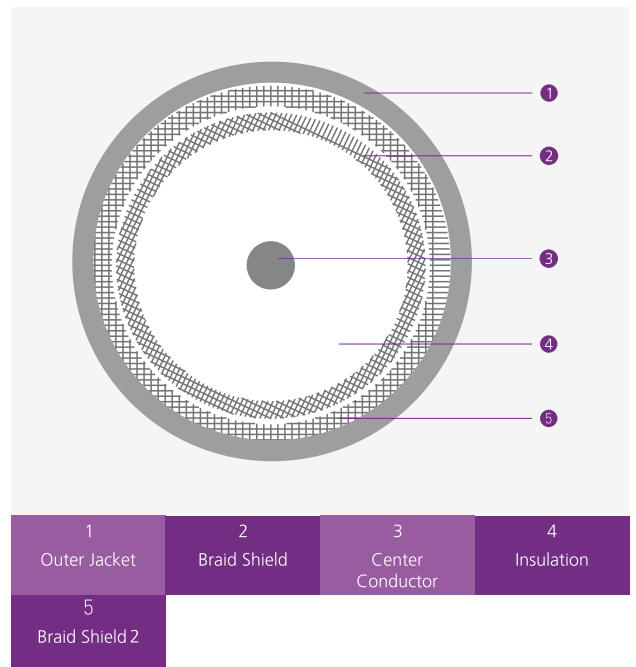
Conductor Stranded Copper	Insulation Colour Neutral	Outer Jacket PVC
Insulation PE(Polyethylene)	Braid Wire Copper Braid	Jacket Colour Black

PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	7x0.75mm
Insulation Diameter	7.24±0.02mm.
Braid Wire Coverage 1	96%: 144X0.16mm
Braid Wire Coverage 2	98%: 168X0.16mm
Outer Jacket Thickness	1.10 mm
Outer Jacket Diameter	10.40 ± 0.15mm
Max. Recommended Pulling Tension	76 lbs
Min. Bend Radius (Install)	2.5 in
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	50±3
Capacitance	pF/m	80+3
Velocity of Propagation	%	82
Dielectric Strength	VAC	1500
Jacket Sparker	VAC	2500
Return Loss (5-1000MHz)	dB	20.0



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PERFORMANCE CHARACTERISTICS

Frequency (Mhz)	Attenuation (dB/100 ft.)
50	50
100	2.2
900	4.7
1000	8.8
2400	8.9
3000	13.7

ROHS GUIDELINE

Properties	Value
Calcium Content (Cd)	<0.01%
Lead Content (Pb)	<0.1%
Mercury Content (Hg)	<0.1%
Chromium (VI) Content	<0.1%
Polybrominated Biphenyls (PBB)	Forbidden
Polybrominated Diphenyl Ether (PBDE)	Forbidden

ORDERING INFORMATION

Part Number	Description
450-018FH8	RG 214 COAXIAL CABLE 50 OHM DOUBLE LAYER 96% & 98% COPPER BRAID COVERAGE PVC