

RG 216 COAXIAL CABLE 75 OHM DOUBLE LAYER 96% COPPER BRAID COVERAGE PVC



Norden RG216 coaxial cable are applied for broadband transmission of radio, TV, video and data signals. Suitable for larger distances and in all circumstances requiring special protection against signal interferences. This coaxial cable has double layer of 96% coverage copper braiding with polyethylene insulation of low dielectric constant and PVC jacket which enables high-speed signal diffusion, and good flexibility at installation.



CABLE CONSTRUCTION

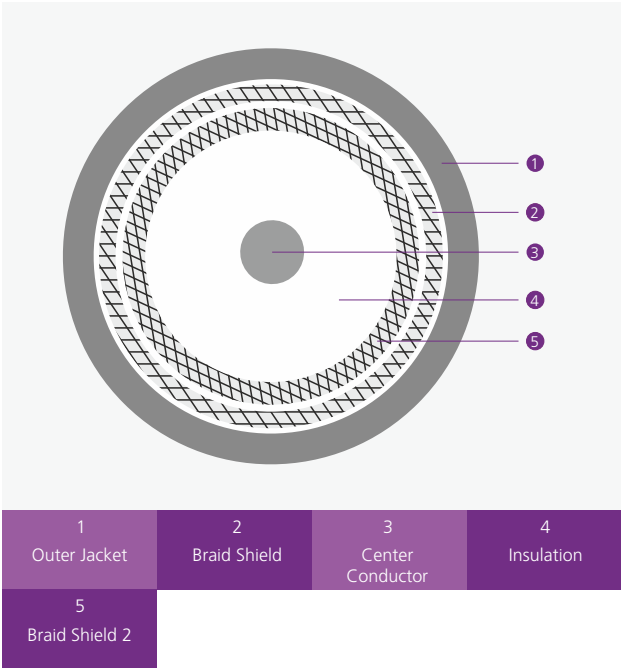
Conductor Tinned Solid Copper	Insulation Color Neutral	Outer Jacket PVC
Insulation Solid PE (Polyethylene)	Braid Wire Copper Wire	Jacket Color Black

PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	7x0.41 mm
Insulation Diameter	7.25 mm
Braid Coverage 1	95%, 168x0.16mm
Braid Coverage 2	95%, 192x0.16mm
Outer Jacket Thickness	1.10 mm
Outer Jacket Diameter	10.8 ± 0.15 mm
Min. Bending Radius (Installation)	63.5 mm
Max. Pulling Tension	4.45N
Operating Temperature	-20°C to +70°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	75± 3
Capacitance	pF/m	67±3
Center Conductor DCR	Ω/km	21
Velocity of Propagation	%	66.0
Dielectric Strength	VDC	10000
Sparker Test	VAC	4000
Return Loss (10-300 MHz)	dB	15.0



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PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100m)
10	2.2
100	7.5
400	17.0
1000	29.7
2000	44.0
3000	59.0

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
475-01HF96	RG 216 Coaxial Cable 75 Ohm Double Layer 96% Copper Braid Coverage PVC