

RG6 QUAD SHIELD DIRECT BURIAL (GEL COATED)



SKU: 107-1952/DB/6Q

DESCRIPTION

RG6 Quad Shield, 18AWG Solid CCS,
Direct Burial, PE Jacket.
3.0 GHz Sweep Tested

FEATURES

- 18AWG Solid Conductor
- 75 Ohm Impedance
- Polyethylene (PE) Jacket
- Direct Burial (gel coated)
- ISO 9001:2000
- ETL, RoHS Compliant
- 1000ft Wooden Spool

Construction

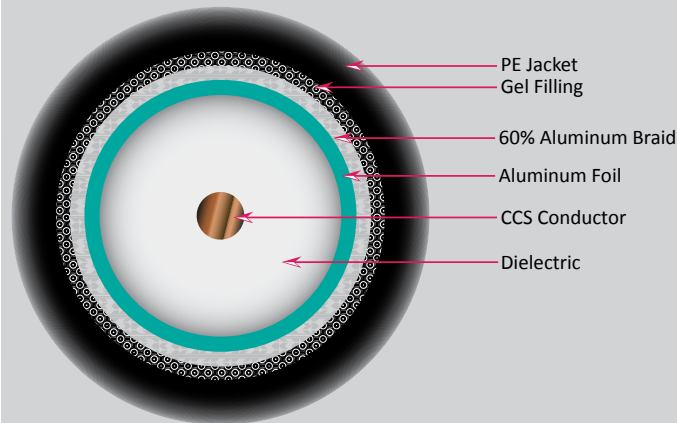
Conductor	Copper Clad Steel (CCS)
Size	1.02±0.01mm (18AWG)
Dielectric	Foam PE
Size	4.57±0.05mm
Shield	Bonded Aluminum Foil
Braid	Alu-Mag
Coverage	60%×16×5×0.12±0.005mm
Third Shield	Aluminum Foil
Fourth Shield	Alu-Mag
Braid Coverage	40%×16×4×0.12±0.005mm
Jacket	Polyethylene (PE)
Diameter	7.50±0.10mm

Electrical Characteristics

Sparker Test	3000VAC
Impedance	75±3 Ohm
Capacitance	54±3pF/m
Velocity of Propagation	85%
Return Loss	(5~470Mz)≥25dB (470~1000Mz)≥23dB (1000~3000Mz)≥18dB

Mechanical Characteristics

Operating Temperature	-30°C to 75°C
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RG6 STANDARD SHIELD DIRECT BURIAL (GEL COATED)

PERFORMANCE

Attenuation	[@68°F (20°C)]		
Frequency (MHz)	dB/100ft	dB/100m	Frequency (MHz)
5	0.58	4.90	550
55	1.60	5.10	600
83	1.95	5.65	750
187	2.85	6.10	865
211	3.00	6.55	1000
250	3.30	7.98	1450
300	3.50	8.46	1800
350	3.85	9.50	2100
400	4.15	10.00	2250
450	4.40	12.00	3000
500	4.66		

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