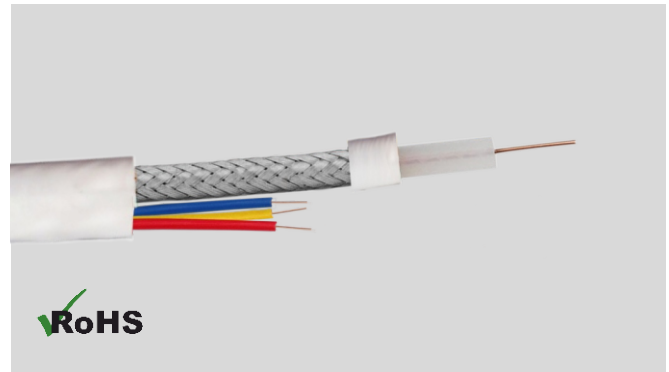


RG 59U COAXIAL CABLE 75 OHM AL BRAID 60% COVERAGE WITH 3 CORE POWER CABLE



Norden RG 59U with 3 Core power is used for video transmission in professional video applications, carrying baseband analog video signals in closed-circuit television (CCTV) using 75 ohm coaxial cables. The center conductor is bare solid copper, shielding aluminium Wire Braid 60% coverage, and tolerances are more tightly controlled, to improve impedance stability. The coupled cable helps to power analog CCTV cameras. This helps save labor costs by avoiding the pulling of an extra power cable.

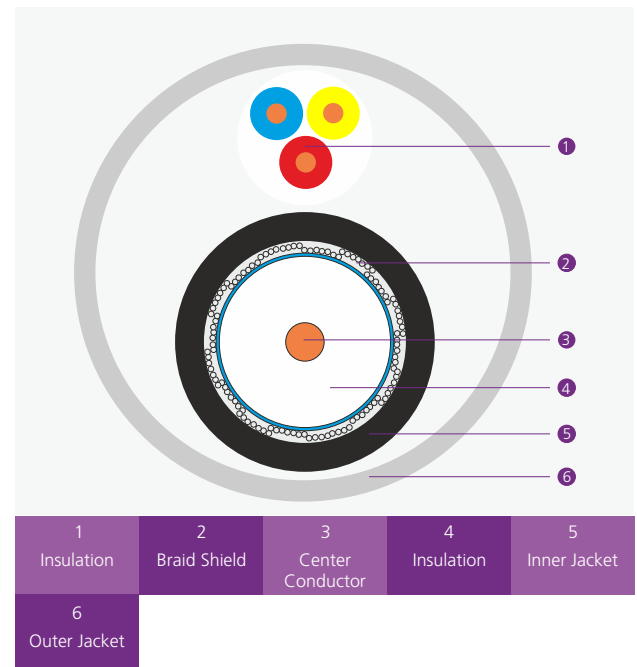


CABLE CONSTRUCTION

Conductor Solid Bare Copper	Shielding Bonded Al-Polyester Foil	Jacket Material PVC (Polyvinyl Chloride)
Insulation Foam PE (Polyethylene)	Braid Wire 60% Al-Wire Braid	Jacket Color Inner : Black Outer : White

PHYSICAL CHARACTERISTICS

Characteristic	Value
RG59 Coaxial Cable	
Center Conductor Diameter	0.81 mm +/-0.01
Insulation Diameter	3.55 mm +/-0.01
Braid Wire	16x4x0.12mm
Braid Wire Coverage	60%
Inner Jacket Diameter	5.6mm
Min. Bending Radius (Installation)	18.00mm
Max. Pulling Tension	376N
Operating Temperature	-20°C to +75°C
POWER - 3Core	
Conductor	Solid Bare Copper
Conductor diameter	0.5mm
Insulation material	HDPE
Insulation diameter	1.0mm
Insulation Color	Red/Yellow/Blue
Overall Jacket diameter	8.5mm



1 Insulation	2 Braid Shield	3 Center Conductor	4 Insulation	5 Inner Jacket
6 Outer Jacket				

Coaxial Cables

RG 59U COAXIAL CABLE 75 OHM AL BRAID 60% COVERAGE WITH 3 CORE POWER CABLE



ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	75.0
Capacitance	pF/m	52.0
Center Conductor DCR	Ω /km	138
Outer Conductor DCR	Ω /km	<38
Velocity ratio	%	83
Dielectric Strength	VCA	1000
Jacket Sparker	VCA	4000
Return Loss (10-1000 MHz)	dB	>20.0
Power: Inner DCR	Ω /km	<21

PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100m)
1	0.93
10	3.20
100	10.63
400	17.48
700	21.56
900	25.21
1000	26.52

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	Standard Length
475-01KA60	RG 59U Coaxial Cable 75 Ohm Al Braid 60% Coverage With 3 Core Power Cable	90mtr (Roll)