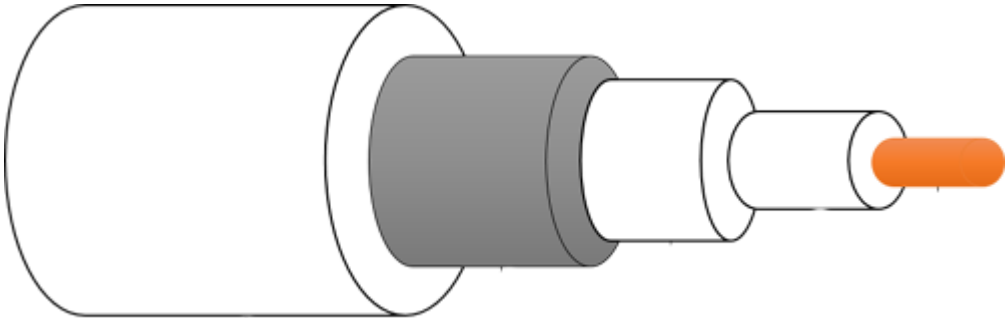


**Newlink RG6 75 ohms CCS Inner Conductor
PE Jacket Outdoors (Black)**



Technical Specifications:

Description	Newlink RG6 75 ohms CCS Inner Conductor (Black)
Conductor	Solid Copper Clad Steel AWG 18
Conductor Diameter	1.02mm
Insulation	Foam PE
Insulation Diameter	4.57mm
Shielding	Aluminum Foil (bonded) + 0.12/80 Aluminum wire braiding (60%)
Jacket	PE Black
Overall cable diameter	6.9mm

Electrical Characteristics:

Capacitance (Pf/ft)	16.2
Nominal Velocity of Propagation VP (%)	83
Nom. Conductor DC Resistance DCR @20°C (ohm/km)	102
Impedance (ohm)	75±3
Max. operating Voltage UL (voltage)	350 VRMS

Max. Attenuation

Frequency (MHz)	Attenuation (dB/100ft)
55	1.60
211	2.87
270	3.24
300	3.55
350	3.72
400	4.00
450	4.40
550	4.71
750	5.65

870	6.00
1000	6.55
1450	7.98
1800	8.87
2200	9.8
2500	10.5
3000	11.4

Minimum Structural Return Loss

Start Freq. (MHz)	Stop Freq. (MHz)	Min. SRL (dB)
5	1000	20

Mechanical Characteristics:

- Operating Temperature Range: -55°C to +80°C
- Max. Recommended Pulling Tension: 162lbs
- Min. Bend Radius/ Minor Axis: 3 in

Applicable Standards & Environmental Programs:

- EU Directive 2002/95/EC (RoHS)

Ordering Information:

Part Number	Description
NEW-98RG644	Newlink RG6 75 ohms CCS Inner Conductor PE Jacket Outdoors (Black)