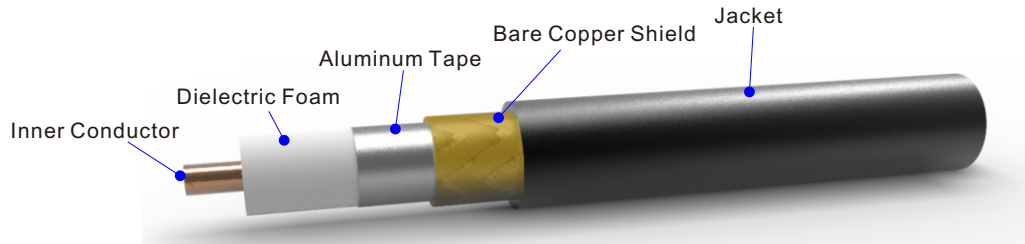


Flexible Low Loss Communication Coaxial Cable



Features

- OPEK **OP-RG-58U** Ohm low loss coax cable 0.195" diameter, double shields, solid center conductor and rubber like outer PVC jacket designed for multiple bending and flexing cycles. It is used for both indoor and outdoor applications.
- **OP-RG-58U** standard is one of UV Resistant tough PVC jacketed cables with 10-year outdoor usage time period. The **OP-RG-58U** offer much better flexibility and durability in comparison to other air-dielectric hard line cables.
- Bare copper braid and aluminum foil for 100% shielding coverage.
- High Power Loading / Shock Resistance / Weather Resistance.
- Installation Temperature Range: -0°C to +65°C.
- Operating Temperature Range: -40°C to +80°C.

Applications

- Communication Systems
- Indoor / Outdoor Installation
- Direct Burial
- Wireless System
- Antenna Feeding System
- Jumper Cable Assemblies

Mechanical Specifications		
Item	Material	Dimension
Inner Conductor	Solid Copper	0.85 +/-0.03 mm
Dielectric	Foamed PE	2.88 mm
Shield #1	Foil, Aluminum Tape (100%)	3.00 mm
Shield #2	Bare Copper (112 / 0.12mm, 95%)	3.55 mm
Jacket	PVC (Black / Yellow / White)	4.95 +/-0.15 mm

Electrical Specifications		
Item	Data	Unit
Frequency Range	DC - 5.8	Ghz
Impedance	50 ± 2.0	Ohms
Velocity of Propagation	80	%
Capacitance	83	pF/m (Nom.)
Shielding Effectiveness	>90	dB
Peak Power	2.5	Kwatts
Outer Jacket Rating	UL- CM Type	

Attenuation vs. Frequency							
Frequency (MHZ)	150	250	450	900	2500	4000	5800
Attenuation dB/100Ft.	4.5	6.0	8.3	12.5	21.3	27.8	34.5