



> CONSTRUCTION SPECIFICATIONS

Inner Conductor	BC
Conductor Dia.	1.42 +/-0.02mm
Min.Break Strength	728 N
Insulation	Foam P.E.
Insulation Dia.	3.81 +/-0.15mm
Color	Neutral
Centricity	≥90%
Adhesion	10 to 100N @ 25mm
Shielding	AL/P-Foil (Bonded)
Foil overlap	≥115 %
Outer Conductor	TC Wire Braid
Coverage	92 +/-3%
Jacket	LDPE
Outer Dia	6.10 +/-0.15mm
Color	Black

> MECHANICAL SPECIFICATIONS

Min.Bending Radius:	
Installation	19 mm
Repeated	63.5 mm
Max.Pulling Tension	372N
Rated Temperature	
Installation/operating temperature	-40~+85 °C
Storage temperature	-70~+85 °C

> ELECTRICAL SPECIFICATIONS

Characteristic Impedance	50 ± 2 ohm				
Capacitance	77.5 pF/m				
Velocity ratio	84 %				
DCR: Inner Conductor	<11.0 ohm/km	Attenuation (at 20 °C)	[MHz]	[Power kw]	[dB/100ft]
DCR: Outer Conductor	<13.5 ohm/km		30	1.49	1.34
Voltage withstand	5000 V RMS		50	1.15	1.74
Jacket Spark	1500 V RMS		150	0.66	3.02
Insulation resistance	> 10,000 MΩ·km		220	0.54	3.66
Peak Power	5.6 kW		450	0.38	5.27
Shielding Effectiveness	> 90 dB		900	0.26	7.55
			1500	0.20	9.88
			1800	0.18	10.86
			2000	0.17	11.50
VSWR	30-1000 MHz		2500	0.15	12.92
	1001-2500 MHz		5800	0.10	20.37
	2501-5800 MHz		8000	0.08	24.30

