



> CONSTRUCTION SPECIFICATIONS

Inner Conductor	Solid CCA
Conductor Dia.	2.74 +/-0.02mm
Min.Break Strength	694 N
Insulation	Foam P.E.
Insulation Dia.	7.24 +/-0.10mm
Color	Neutral
Centricity	≥90%
Adhesion	10 to 100N @ 25mm
Shielding	AL/P-Foil (Bonded)
Foil overlap	≥115 %
Dia	7.39 +/-0-10mm
Outer Conductor	TC Wire Braid
Dia.	8.13 +/-0-10mm
Coverage	94 +/-0-3mm
Jacket	LDPE
Outer Dia	10.29 +/-0-20mm
Color	Black
Adhesion	150 to 400N @50mm

> MECHANICAL SPECIFICATIONS

Min.Bending Radius:	
Installation	12.7 mm
Repeated	50.8 mm
Max.Pulling Tension	245
Rated Temperature	
Storage/operating temperature	-40~+85 ™
Outdoor Installation	-70~+85 ™

> ELECTRICAL SPECIFICATIONS

		<i>Attenuation (at 20 ™)</i>		
		[MHz]	[Power kw]	[dB/100ft]
Characteristic Impedance	50 ± 2 ohm	30	3.33	0.70
Capacitance	78 pF/m	50	2.57	0.90
Velocity ratio	84 %	150	1.47	1.50
DCR: Inner Conductor	4.8 ohm/km	220	1.20	1.90
DCR: Outer Conductor	5.9 ohm/km	450	0.83	2.70
Voltage withstand	2500 V RMS	900	0.58	3.90
Jacket Spark	8000 V RMS	1500	0.44	5.10
Insulation resistance	> 10,000 MΩ.km	1800	0.40	5.70
Peak Power	16 kW	2000	0.37	6.00
Shielding Effectiveness	> 90 dB	2500	0.33	6.80
		5800	0.21	10.80
		8000	0.17	13.00
VSWR	300-1000 MHz	<1.15		
	1001-2500 MHz	<1.20		
	2501-5800 MHz	<1.25		

