



### > CONSTRUCTION SPECIFICATIONS

<b>Inner Conductor</b>	Solid CCA
Conductor Dia.	2.74 +/-0.02mm
Min.Break Strength	694 N
<b>Insulation</b>	Foam P.E.
Insulation Dia.	7.24 +/-0.10mm
Color	Neutral
Centricity	≥90%
Adhesion	10 to 100N @ 25mm
<b>Shielding</b>	AL/P-Foil ( Bonded )
Foil overlap	≥115 %
Dia	7.39 +/-0-10mm
<b>Outer Conductor</b>	TC Wire Braid
Dia.	8.13 +/-0-10mm
Coverage	94 +/-0-3mm
<b>Jacket</b>	LDPE
Outer Dia	10.29 +/-0.20mm
Color	Black
Adhesion	150 to 400N @50mm

### > MECHANICAL SPECIFICATIONS

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

### > ELECTRICAL SPECIFICATIONS

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

