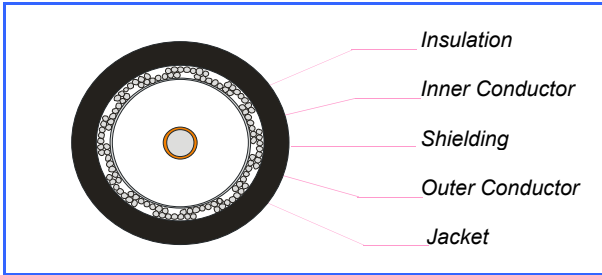


**Cross**



**Cable**

<b>Inner Conductor</b>	CCA
Conductor Dia.	<b>2.74</b> +/-0.01mm
Min.Break Strength (N)	640
<b>Insulation</b>	Foam P.E.
Insulation Dia.	<b>11.56</b> +/-0.10mm
Color	Neutral
Centricity (%)	≥ 85
Adhesion	10 to 100N @ 25mm
<b>Shielding</b>	AL/P/AL-Foil
Foil overlap	≥ 120%
<b>Outer Conductor</b>	TC Wire Braid
Conductor Dia.	<b>0.180</b> +/-0.01mm
Coverage	<b>90</b> +/-3%
<b>Jacket</b>	LSZH
Outer Dia	<b>14.99</b> +/-0.20mm
Color	BLACK
Adhesion	40 to 100N @ 50mm
<b>Marking</b>	According to customer
<b>PACKAGING</b>	According to customer

**Mechanical**

<b>Min.Bending Radius:</b>	
Installation	38.1 mm
Repeated	152.4 mm
<b>Max.Pulling Tension</b>	1700 N
<b>Crush resistance of cable (load of 700N)</b>	< 1 %
<b>Rated Temperature</b>	
Storage/operating temperature	-40~+85 ℃
Outdoor Installation	-5℃

**Revision**

Define by:	Rev: A/0
Prepared by:Zell	Date:
Approved by: D.L. Chin	Repl: 2016-3-12

**Electrical**

<b>Characteristic Impedance</b>	75 ±3ohm
<b>Capacitance</b>	51 pF/m
<b>Velocity ratio</b>	87 %
<b>DCR: Inner Conductor</b>	<4.60 ohm/km
<b>DCR: Outer Conductor</b>	< 4.0 ohm/km
<b>Jacket Sparker</b>	8000 VRMS
<b>Dielectric Strength</b>	4000 VDC
<b>Insulation resistance</b>	> 10,000 MΩ·km
<b>Peak Power</b>	40 KW
<b>Shielding Effectiveness</b>	30-2500 MHz ≥ 90 dB
<b>SWR</b>	30-2500 MHz ≤ 1.30
<b>Attenuation (at 20 ℃)</b>	dB/100m
30 MHz	1.30
50 MHz	1.70
150 MHz	3.00
220 MHz	3.60
450 MHz	5.30
900 MHz	7.70
1500 MHz	10.20
1800 MHz	11.40
2000 MHz	12.10
2500 MHz	13.70
<i>Maximum attenuation is 10% higher.</i>	

**RoHS2**

<b>Cadmium content (Cd)</b>	< 0.01 %
<b>Lead content (Pb)</b>	<0.1 %
<b>Mercury content (Hg)</b>	<0.1 %
<b>Chromium (VI) content</b>	<0.1 %
<b>Polybrominated Biphenyls (PBB)</b>	<0.1 %
<b>Polybrominated Diphenyl Ether (PBDE)</b>	<0.1 %

**Note: The specifications are subjected to change without prior notice**