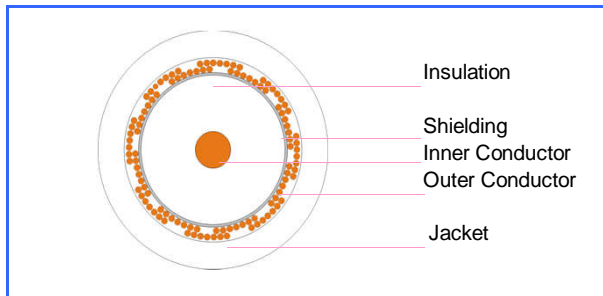




Cross Section



Cable Description

Inner Conductor	BC
Conductor Dia.	1.00mm +/-0.02
Min.Break Strength	376 N
Insulation	Foam P.E.
Insulation Dia.	4.70mm +/-0.15
Color	Neutral
Centricity	≥ 85%
Adhesion	6 to 60N @ 25mm
Shielding	AL/P-Foil
Foil overlap	≥ 120%
Outer Conductor	TC Wire Braid
Coverage	55% +/-3
Jacket	PVC/LSF/LSZH
Outer Dia	6.55mm +/-0.30
Color	According to customer
Adhesion	40 to 100N @ 50mm
Marking	According to customer
PACKAGING	According to customer

Mechanical Characteristics

Min.Bending Radius:	
Installation	23mm
Repeated	70mm
Max.Pulling Tension	460N
Crush resistance of cable (load of 700N)	< 1 %
Rated Temperature	
Storage/operating temperature	-20~+75 °C
Outdoor Installation	-5°C

Revision History

Rev:	A/1
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Electrical Characteristics

Characteristic Impedance	75 ±3ohm
Capacitance	54 pF/m
Velocity ratio	> 82 %
DCR: Inner Conductor	< 26 ohm/km
DCR: Outer Conductor	< 15 ohm/km
Jacket Sparker	5000 VCA
Dielectric Strength	1500 VCA
Insulation resistance	> 10,000 MΩ-km
Return loss	
5-470MHz	> 23 dB
470-862MHz	> 20 dB
862-2150MHz	> 18 dB
Screening Attenuation	
30-300MHz	> 85 dB
300-470MHz	> 80 dB
470-1000MHz	> 75 dB
1000-2150MHz	> 65 dB
Attenuation (at 20 °C)	dB/100m
5 MHz	< 1.60
50 MHz	< 4.60
100 MHz	< 6.50
200 MHz	< 9.50
460 MHz	< 15.0
860 MHz	< 19.5
1000 MHz	< 21.5
1750 MHz	< 29.0
2150 MHz	< 32.5

RoHS Guideline

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

Leigh Cables Commercial

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