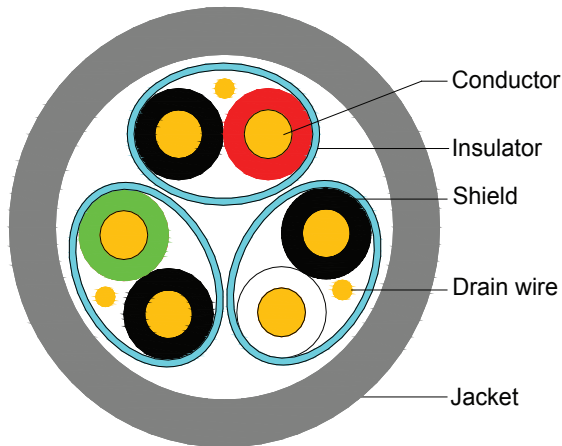


3-Pairs 22AWG Individually Shielded Control Cable (LSZH)



CROSS SECTION



ELECTRICAL CHARACTERISTICS (20°C)

Test item	Units	Spec
> Max Conductor DC Resistance	Ω/km	≤57.4
> Dielectric Strength between Pairs	kV/5min	1.5
> Rated Voltage	V	300
> Min Insulation Resistance	MΩ·km	≥50

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%

CABLE DESCRIPTION

1 Conductor

Material	TC
Stranding	Stranded
Dia.(+/-0.01mm)	0.250*7
AWG	22

2 Insulation

Material	HDPE
Dia.(+/-0.05mm)	1.28
Color Code	BK/RD&BK/WH&BK/GN

3 Cabling

Order of the Pair	See the Cross Section
Direction	Right Hand Lay
Drain Wire	TC 0.25*7
Shielding	AL/P

4 Outer Sheath

Material	LSZH
Dia.(+/-0.2mm)	6.9
Thickness(+/-0.05mm)	0.70

SHEATH FLAME CHARACTERISTICS

> Halogen content test	IEC 60754-1
> Smoke density	IEC 61034-2

SHEATH MECHANICAL CHARACTERISTICS

Reference Standard : UL 444

Test Material: LSZH

Before	Tensile Strength(Mpa)	≥8.3
Aging	Elongation(%)	≥100
After	Tensile Strength (% of unaged)	≥75
Aging	Elongation(%)	≥75
	Cold Bend(-20±°C×4hrs)	No crack
	Operating Temperature Range	-20~+70°C
	Min Bend Radius(Install)	8×D

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

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Exclusive Distributor in HK, China and Macau



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