IMAGE COMING SOON

Product: 1063S ⧉

Inst, 2 Pr #18 Str BC, XLPE Ins E1,OS, Blk LSZH PE Jkt, 600V TC 90C Dry/Wet SUN RES DIR BUR

Product Description

UL Instrumentation, 2 Pair 18AWG (7x26) Bare Copper, XLPE Insulation E1 Color Code,Overall Beldfoil® Shield, Black LSZH PE Outer Jacket, 600V TC 90C Dry/Wet SUN RES DIR BUR

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	2	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	XLP, XLPO, XLPE (Thermoset)	0.031 in (0.79 mm)	0.109 in (2.77 mm)	ICEA S-73-732 Table E1; Black & White and Numbered

Inner Shield

Material
No Shield

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (7x26) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.047 in (1.2 mm)	0.490 in	Yes

Overall Cable Diameter (Nominal):	0.490 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
7.0 Ohm/1000ft	11 Amps per Conductor at 30ºC

Voltage

UL Voltage Rating
600 V (TC-ER)

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C Dry, 90°C Wet	-30°C To +90 °C Dry/Wet

Bend Radius

Stationary Min.	Installation Min.

5.88 in (149 mm)	5.88 in
Max. Pull Tension:	112 lbs (50.8 kg)
Bulk Cable Weight:	85 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 760, TC-ER
ISO/IEC Compliance:	IEC 61034-2 - Smoke Density Min Transmittance = 60%
European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 2.5 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Alternate color coding available upon request.

History

Update and Revision:	Revision Number: 0.48 Revision Date: 12-20-2022

Part Numbers

Variants

Item #	Putup Type
1063S 0105000	Reel