Part Number: 9462ZH

Multi- Conductor, (1 pr) 22 AWG (7x30) TC, PVC/LSZH, Foil Shld

⚏ Request Sample

Product Description

One 22 AWG pair stranded (7x30) tinned copper conductors, PVC insulation, overall Beldfoil® shield (100% coverage), low smoke zero halogen jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	2

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.0135 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	100	Beldfoil®	100 %	TC - Tinned Copper	22

Outer Jacket Material

Material	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen	0.035 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.0 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
25.0 pF/ft	45.0 pF/ft
Shielding:	Foil(s) or Copper Tape(s)

Inductance

Nominal Inductance
0.19 µH/ft

Current

Max. Recommended Current [A]
3.0 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C to 75°C

Mechanical Characteristics

Bulk Cable Weight:	17 lbs/1000ft
Max Recommended Pulling Tension:	27 lbs
Min Bend Radius/Minor Axis:	1.875 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	21307

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2012-05-10
CA Prop 65 (CJ for Wire & Cable):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color
9462ZH 0101000	Black
9462ZH 010500	Black