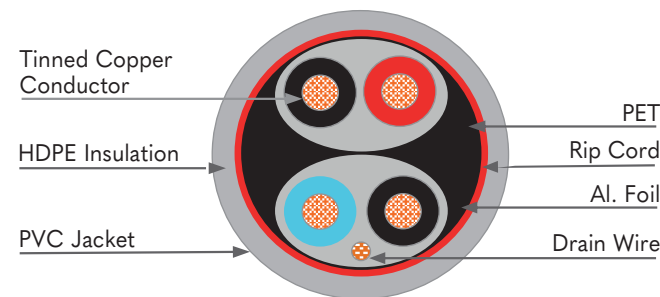


PRODUCT DESCRIPTION

Audio, Control & Instrument Cable, 2 pair, 22 AWG stranded (7x30) tinned copper conductors, polypropylene insulation, twisted pairs, individually shielded (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

APPLICATIONS

Low voltage analog signals (4-20ma, 0-10v); Low voltage digital control (24v); Line level audio; Computer communication; Panel wiring.



CONSTRUCTION DETAILS:

Conductor:

Element	No. of Elements	Size	Stranding	Material
Pair(s)	2	2 x 22 AWG	7 x 30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.009 in (0.23 mm)	0.046 in (1.2 mm)	Black & Red, Green & White

Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.160 in (4.06 mm)
Overall Cable Diameter (Nominal)		0.160 in (4.06 mm)

ELECTRICAL CHARACTERISTICS

Element	Nom. Conductor DCR	Nom. Inner shield DCR	Nom. Capacitance Cond. to other	Nom. Capacitance Cond. to other (Conds+Shield)	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Pair(s)	18.2 Ohm/1000ft	18.38 Ohm/1000ft (60.30 Ohm/km)	33 pF/ft (110 pF/m)	62 pF/ft (200 pF/m)	52 Ohm	66%	2.8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V (CM)

MECHANICAL CHARACTERISTICS

Temperature

UL Temperature	Operating
60°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.6 in (41 mm)	1.6 in (41 mm)
Max. Pull Tension	42 lbs (19 kg)
Bulk Cable Weight	17 lbs/1000ft

STANDARDS AND COMPLIANCE

Conductor:

Environmental Suitability	Indoor
Flammability / Reaction to Fire	UL 1685 FT4 Loading, IEC 60332-1-2
CPR Compliance	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance	Article 800, CM
CEC / C(UL) Compliance	CM
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)
UK Regulation Compliance	UKCA Mark
APAC Compliance	RoHS II (GB/T 26572-2011)
Plenum Number	82723, 87723, 88723

Ordering Information

Part No.	Description
NTST2P22P/L	Voltan 2P, 22 Awg Al foil Individual shield tinned copper conductor with drain wire, 305 Mtr/ Roll

Note: NTS- Series , S- Aluminium shielded , T- Tinned Copper, 222- 2pair 22 AWG, P- PVC / L- LSZH Jacket