

Armoured Instrumentation 18awg 300V STOS



18 awg Stranded tinned soft copper, ASTM B8, B33, 600v XLPE insulation, **twisted into Triads**, individually Shielded Pairs with a stranded tinned copper drain wire, polypropylene fillers, polyester separator tape, overall aluminum/mylar shield with tin copper Drian wire, black FR LAG PVC Inner jacket, aluminum interlocked armour, grey FT4, FR, LAG PVC, outer jacket

Specifications and Compliance

CSA C22.2 No. 239 & CSA C22.2 No. 174, CSA C22.2 NO. 38

Flame Test rate: CSA FT4, IEEE 383/1202 (70,000 BTU/hr.), Vertical Flame Test rated

18 awg Stranded Tinned Copper Triads STOS (Shielded Triads & Overall Shield) 600v

RW Part No.	Number Of Pairs	Insulation Thickness in	Inner Jacket O.D. in	Armour O.D. in	Cable O.D. in	Cable Weight kg/km	Max Pulling Tension lbs	Min Bend Radius in
IB18-01-TA4	1	0.030	0.282	0.522	0.622	378	62	8.7
IB18-02-TA4	2	0.030	0.450	0.690	0.823	581	124	11.5

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All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.

Colour Coding

- Multi Triads – Triads – Black, white & red, number-coded with black ink printed on white conductor

Features

- HL rated for use in hazardous locations
- UV sunlight resistant
- SUN RES™ (all colours)
- Meets cold bend and impact tests at (-40°C)
- Direct burial rated

Application

- Armoured Instrumentation cables are used to convert analogue or digital signals. Used when there is a possibility for crosstalk between pairs / triads.
- For wet and dry locations
- To be used for exposed and concealed wiring or where subjected to the weather.
- For use in ventilated, non-ventilated and ladder-type cable TC-ER
- Direct burial
- Approved for all hazardous locations as per CEC Part I 2018 Section 18, when installed with approved connectors.