

Armoured Instrumentation 16awg 300V STOS



16 awg Stranded tinned soft copper, ASTM B8, B33, 300v 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

16 awg Stranded Tinned Copper Triads STOS (Shielded Triads & Overall Shield) 300V

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
IA16-01-TA4	1	0.064	0.333	0.533	0.638	265	62	7.7
IA16-02-TA4	2	0.064	0.567	0.767	0.874	463	124	10.5
IA16-04-TA4	4	0.064	0.657	0.857	0.964	629	248	11.6
IA16-08-TA4	8	0.064	0.893	1.128	1.239	1103	495	14.9

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

Armoured Instrumentation 16awg 300V STOS

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.