

Armoured Instrumentation 600V 16awg SPOS



- Spec Sheet_v1.0



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

Specifications and Compliance: CSA C22.2 No. 239, Control and instrumentation cables, CSA C22.2 No. 174, cables and cable glands for use in hazardous locations, • CSA C22.2 No. 38, Thermoset-insulated wires and cables; • CSA C22.2 No. 75, Thermoplastic-insulated wires and cables; • CSA C22.2 No. 2556/UL 2556 FT4, Vertical Tray

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

16 awg Stranded Tinned Copper Pairs SPOS (Shielded pairs & 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
IB16-01-PA4	1	0.030	0.329	0.549	0.669	258	41	9
IB16-02-PA4	2	0.030	0.568	0.788	0.948	486	83	11
IB16-04-PA4	4	0.030	0.665	0.885	1.045	620	165	13
IB16-06-PA4	6	0.030	0.804	1.024	1.184	778	248	14
IB16-08-PA4	8	0.030	0.874	1.094	1.254	897	330	16
IB16-12-PA4	12	0.030	1.074	1.329	1.489	1182	495	18

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

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Colour Coding

- Multi Pairs – Black, & white, 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

- 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
- Direct burial
- HL rated for use in
- For use in all hazardous locations with proper connectors