

Instrumentation 300V 4x18 AWG Shielded HFFR Cable

BC/CL2/HFFR/OFS/HFFR/300V/80C

INSTRUMENTATION & SIGNAL

P/N 8S8P604101

INDUSTRY

Applications

Process control industry, Hazardous areas, Harsh environments, Indoor, Outdoor, Class 1 Division 2



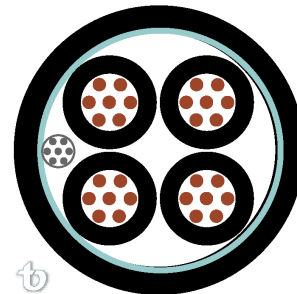
Outer Jacket Material
FR-LSZH



Outer diameter
6.7 mm nom.



Weight
80 kg/km



General Construction

4 wires are cabled together overall foil shielded and jacketed.

Design & Materials

Conductor Material	Annealed Bare Copper
Conductor Size (AWG)	18
Conductor Construction	7x0.40 mm
Insulation Material	HFFR
Insulation Thickness (mm)	0.43
Insulation O.D. (mm nom)	2.0
Conductor Unit Identification	Numbered
Conductor Color Code	Black
Overall Shield Design	100% Coverage
Overall Shield Material	Aluminum/Polyester Foil
Overall Foil Thickness (µm)	23
Overall Drain-wire Material	Annealed Tinned Copper
Overall Drain-Wire Size (AWG)	18
Overall Drain-wire Construction	Stranded
Total Number Of Conductors	4
Rip-Cord	Yes
Outer Jacket Thickness (mm nom)	0.9
Outer Jacket Color	Black
Marking	Per request

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Performance

Max. DC Resistance (Ω /km@20°C)	22.0
Dielectric Strength (V/minute)	2000
Dielectric Strength to Shield (V/minute)	1000
Voltage Rating (V)	300
Min. Bend Radius (mm)	DX6
Min. Operating Temperature (°C)	-30
Max. Operating Temperature (°C)	+80
UV Resistance	Yes

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Standards

Flammability Rating
IEC 60332-1

Applicable Standards
RoHS 3 2015/863/EU

