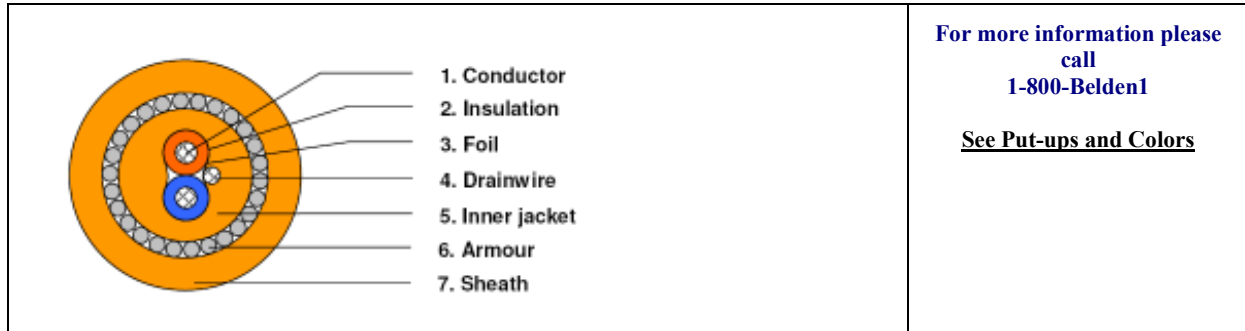


YJ53440

**Foundation Fieldbus/Profibus PA Application
Steel Wire Armored Cable, FRPVC**



For more information please
call
1-800-Belden1
See Put-ups and Colors

DESCRIPTION:

18 AWG stranded (7x26) tinned copper conductors, polyolefin insulation, overall foil shield, tinned copper drain wire, PVC inner-jacket, steel wire armor, FR PVC outer-jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR

Number of Pairs	1
Conductor Size	18 (7 X26) AWG
Conductor Material	TC – Tinned Copper

INSULATION

Insulation Material	PO - Polyolefin
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OVERALL SHIELD

Overall Shield Material	Aluminum Foil - Polyester Tape
Individual & Overall Shield Coverage (%)	100%
Drain Wire Material	TC - Tinned Copper
Overall Separator Trade Name	Separator
Overall Separator Material	PET – Polyester Tape
Overall Separator Coverage(%)	100

INNER JACKET

Inner Jacket Material	PVC –Polyvinyl Chloride
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ARMOR

Armor type	Steel Wire Armor
Nom. Diameter of Wire	0.90 mm
Armoring standard	IS-1554 & IS-3975

OUTER JACKET:

Outer Jacket Material	FRPVC-Flame Retardant Polyvinyl Chloride
Nom. outer jacket thickness	1.35mm
Nom. Outer jacket Diameter	11.4 mm

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Outer jacket standard	IS-5831-84
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MECHANICAL CHARACTERISTICS:

Temperature Range	-20 °C To + 90°C
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APPLICABLE SPECIFICATION AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

Applicable Standards	IS 8130, IS5831, IS3975
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FLAME TEST:

Flame Retardant	IEC 60332-3-24
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ELECTRICAL CHARACTERISTICS - CORE CABLE YJ57084

Max. Conductor DC Resistance @ 20°C	23.2 Ω/km
Impedance @ 31.25KHz	100 +/- 20Ω
Nom. Mutual Capacitance core to core @1KHz	78.7 pF/m
Max. Capacitance Unbalance	3.94 pF/m
Nom. Capacitance core to Shield @1KHz	147.6pF/m
Nom. Velocity of Propagation	66%
Max. Attenuation @39KHz	0.3 dB/100m
Voltage Rating	300V

PUT-UPS AND COLORS:

Item	Description	Put-Up (metre)	Jacket Color*
YJ53440 003<xxx>M	1 PAIR 18 AWG PVC/FRPVC SWA	TBA	Orange
YJ53440 006<xxx>M	1 PAIR 18 AWG PVC/FRPVC SWA	TBA	Blue

* Other colors are available upon request.

Revision Number: 3

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.