

YJ72029 Instrumentation and Computer Cable for EIA RS-485 Applications

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

2 Pairs, 24 AWG stranded tinned copper conductors, LDPE insulation, overall Beldfoil® shield and plus a 24 AWG stranded tinned copper drain wire, plus tinned copper braid (50% coverage), overall PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Number of Conductors	4
Conductor Stranding	7 x 0.2 mm
Nominal Conductor Gauge	24 AWG
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	LDPE – Low Density Polyethylene
Nom. Insulation Diameter	1.73 mm

OVERALL CABLING:

Nom. Overall Cabling Lay:	76.20 mm
Color Code Chart	Pair 1 : White/Blue & Blue/White Pair 2 : White/Orange & Orange/White

OVERALL SHIELD:

Overall Shield Trade Name	Beldfoil®
Overall Shield Type	Tape
Overall Shield Material	Aluminum Foil - Polyester Tape
Overall Shield Coverage (%)	100
Drain Wire Conductor Material	TC - Tinned Copper
Drain Wire Conductor AWG	24
Drain Wire Conductor Stranding	7 x 0.2 mm
Overall Shield Type	Braiding
Overall Shield Material	TC - Tinned Copper

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Overall Shield Coverage (%)	50 Nom.
OUTER JACKET:	
Outer Jacket Material	PVC – Polyvinyl Chloride
Nom. Outer Jacket Wall Thickness	0.90 mm
OVERALL NOMINAL DIAMETER:	
Overall Nominal Diameter	8.64 mm
MECHANICAL CHARACTERISTICS:	
Temperature Rating	-20°C To + 80°C
Min. Bend Radius	10 x OD
APPLICABLE SPECIFICATION AGENCY COMPLIANCE:	
APPLICABLE STANDARDS:	
EU RoHS Compliant (Y/N)	Y
EU RoHS Compliance Date	June 2007
FLAME:	
Flame Test	IEC 60332-1
PLENUM/NON-PLENUM:	
Plenum (Y/N)	N
ELECTRICAL CHARACTERISTICS:	
Nom. Conductor DC Resistance @ 20°C	24 Ω/kft
Nom. Capacitance Conductor to Conductor	13 pF/ft
Nom. Capacitance Conductor to Shield	23 pF/ft
Nom. Characteristic Impedance:	120 ohm
Nom. Attenuation @ 1MHz	0.6 dB/100ft
Max. Operating Voltage	300 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (M)	Ship Weight (kg)	Jacket Color
YJ72029 060305M	2 PR #24 PE SH PVC	305	20.7	CHROME
YJ72029 008305M	2 PR #24 PE SH PVC	305	20.7	GRAY

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