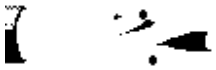
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

8412 Multi-Conductor - Two-Conductor, Low-Impedance Cable



For more Information
please call

1-800-Belden1

Description:

20 AWG stranded (26x34) high-conductivity TC conductors, EPDM rubber insulation, rayon braid, TC braid shield (85% coverage), cotton wrap, EPDM jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
2	20	26x34	High Conductivity TC - Tinned Copper	0.9398

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	0.5842	2.1082

Outer Shield

Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Braid	Cotton	
2	Braid	TC - Tinned Copper	85

Outer Shield Separator Material:	Cotton Wrap

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	0.889

Overall Cabling

Overall Cabling Color Code Chart:

Number	Color
1	White
2	Black

Overall Cabling Separator Material:	Rayon Braid
Overall Nominal Diameter:	6.655 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-50°C To +90°C
Non-UL Temperature Rating:	90°C
Bulk Cable Weight:	65.481 Kg/Km
Max. Recommended Pulling Tension:	444.820 N
Min. Bend Radius (Install)/Minor Axis:	69.850 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
67.000

Nom. Inductance:

Inductance (µH/m)
0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
108.273

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
190.298

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
34.779

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
14.765

Max. Operating Voltage - Non-UL:

Voltage
600 V RMS

Max. Recommended Current:

Current
4 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8412 0021000	305 MT	21.319 KG	RED	C	2 #20 EPDM BRD EPDM
8412 0041000	305 MT	21.319 KG	YELLOW	C	2 #20 EPDM BRD EPDM
8412 0061000	305 MT	21.319 KG	BLUE, LIGHT	C	2 #20 EPDM BRD EPDM
8412 010U1000	305 MT	20.865 KG	BLACK		2 #20 EPDM SHLD EPDM
8412 010U500	152 MT	10.659 KG	BLACK		2 #20 EPDM SHLD EPDM
8412 010100	30 MT	2.359 KG	BLACK		2 #20 EPDM BRD EPDM
8412 0101000	305 MT	21.319 KG	BLACK	C	2 #20 EPDM BRD EPDM
8412 010250	76 MT	5.443 KG	BLACK		2 #20 EPDM BRD EPDM
8412 010500	152 MT	9.979 KG	BLACK	C	2 #20 EPDM BRD EPDM

Notes:
C = CRATE REEL PUT-UP.

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

Как с нами связаться

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