

ENGLISH MEASUREMENT VERSION

**603482 Multi-Conductor - Spec No. 39-2 (Aerial/Duct/Raceway)**
 For more Information  
 please call

1-800-Belden1

**Description****Physical Characteristics (Overall):****Conductor:**

AWG

# Pairs	AWG	Stranding	Conductor Material
25.000	16	7X27	BC - Bare Copper

Total Number of Conductors

50

**Insulation:**

Insulation Material

Ins Material
HDPE - High Density Polyethylene

**Outer Shield:**

Outer Shield Material

Type	Outer Shield Material	% Coverage (%)
Tape	Corrugated Copper Tape	100

**Outer Jacket:**

Outer Jacket Material

Outer Jacket Material
PE - Polyethylene

**Overall Cabling:**

Overall Nominal Diameter:

1.010 in.

**Pair:**

Pair Color Code Chart

Number	Color
1	White w/Blue Stripe
2	White w/Orange Stripe
3	White w/Green Stripe
4	White w/Brown Stripe
5	White w/Gray Stripe
6	Red w/Blue Stripe
7	Red w/Orange Stripe
8	Red w/Green Stripe
9	Red w/Brown Stripe
10	Red w/Gray Stripe
11	Black w/Blue Stripe
12	Black w/Orange Stripe
13	Black w/Green Stripe
14	Black w/Brown Stripe
15	Black w/Gray Stripe
16	Yellow w/Blue Stripe
17	Yellow w/Orange Stripe
18	Yellow w/Green Stripe
19	Yellow w/Brown Stripe
20	Yellow w/Gray Stripe
21	Purple w/Blue Stripe
22	Purple w/Orange Stripe
23	Purple w/Green Stripe

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24	Purple w/Brown Stripe
25	Purple w/Gray Stripe

**Mechanical Characteristics (Overall):**

Operating Temperature Range	-30°C To +80°C
Min. Bend Radius (Install):	8.200 in.

**Applicable Specifications and Agency Compliance (Overall):****Applicable Standards:**

EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2004
IMSA Specification	40-2

**Suitability:**

Suitability - Outdoor	Y
Suitability - Burial	Y
Sunlight Resistance	Y

**Electrical Characteristics (Overall):**

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
4.100

Max. Operating Voltage - Non-UL

Voltage
300 V RMS

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