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Part Number: [0848546036](#)
Status: **Active**
Overview: Brad Micro-Change (M12) Connectors
Description: DeviceNet Micro-Change Double-Ended Cordset, 5 Poles, Male (Straight) to Female (Straight), NMEA 2000 Style Cable, 2.0m (6.56') Length, meets NMEA 2000

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|--------------------|--|
| Product Family | Industrial Cordsets |
| Series | 84854 |
| Connector End A | Micro-Change (M12) |
| Connector End B | Micro-Change (M12) |
| IP Rating | IP67 |
| Material - Contact | Copper Alloy |
| Overview | Brad Micro-Change (M12) Connectors |
| Product Name | Micro-Change (M12) |
| Protocol | N/A |
| Region | Europe |
| Type | Double Ended |
| UPC | 822350898324 |

Physical

| | |
|-------------------------------|----------------------|
| Cable Diameter | 5.72mm (.225") |
| Cable Length | 2.0m (6.56') |
| Color - Cable Jacket | Gray |
| Coupling Style | Threaded |
| Gender | Female-Male |
| Keyway | Single |
| LED Indicator | No |
| Material - Cable Jacket | PVC |
| Material - Connector Body | PVC |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - Plating Mating | Gold |
| Net Weight | 421.000/g |
| Orientation | Straight to Straight |
| Poles | 5 |
| Temperature Range - Operating | -20°C to +105°C |
| Wire Size AWG | 22 |
| Wire/Cable Type | Thin Standard Cable |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum | 250V |

Material Info

| | |
|--------------------|-------------------|
| Engineering Number | NMEA-DND22NB-M020 |
|--------------------|-------------------|

Reference - Drawing Numbers

| | |
|---------------|------------------|
| Sales Drawing | SD-84854-016-001 |
|---------------|------------------|



EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2020)9139-DC (19
Jan 2021)
Lead

Halogen-Free

Status

Not Low-Halogen

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China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Contained

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[84854 Series](#)

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