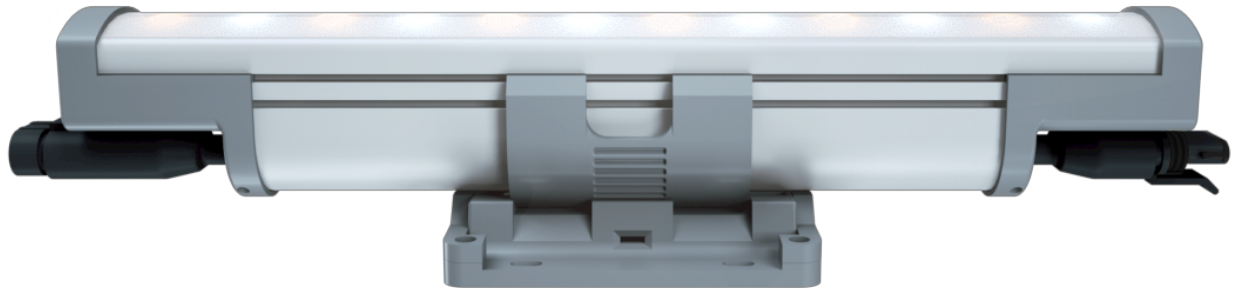


Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO#: _____ Quantity: _____

Notes: _____



Specification Grade Premium Exterior Cove Fixture.

MODA COVE Exterior is a new patent pending cove lighting system designed for exterior applications. Utilizing MODA's latest DMX software, our onboard Microprocessor is uniquely programmed in-house with a firmware to receive DMX 512 signals for full independent control of every 1ft section. Change the color temperature ranging from 2200K to 6500K and create a variety of moods. With MODA's methods of precision and high standards of work, MODA achieves perfect illumination. Color Rendering Index is at a MODA standard of 90-98. R1 - R15 values are in excess of 90. No striations, no color over angle, and no dark spots. 100-277V, 50/60Hz power input allows these fixtures to be installed anywhere in the world. New patent pending locking bracket rotates 180 degrees for a multitude of light directions. Rugged aluminum design. Protected from corrosion and harsh weather conditions by MODA GUARD—a tough seal which protects the fixture. Fast installation is achieved with MODA KWIK CONNECT plugs and install-integral thumb latch connectors. Available in 1ft & 4ft sections. Series is designed for driver or light engine to be factory replaced at its end of life or recycled.

Designed and developed in Las Vegas, USA by MODA.

PAGE

| | |
|---|------------------------|
| 3 | FEATURES |
| 4 | 1 FOOT |
| 5 | 4 FOOT |
| 6 | DMX WIRING |
| 7 | ACCESSORIES: CABLES |
| 8 | FIXTURES & ACCESSORIES |
| 9 | ITEM NUMBER |

PHYSICAL

| | |
|------------------------------|---|
| Dimensions | L: 1ft 1 25/32in(349.69mm) W: 2 13/16in(71.81mm) L: 4ft 19/32in(1.23m) H: 2 7/8in(73.42mm) |
| Applications | Cove, Accent & Indirect General Illumination |
| Construction | Pure Aluminum Body, Polycarbonate Mounting Bracket and Lens |
| Ingress Protection | Wet Location IP66 |
| Thermal Management | MODA Aluminum Heat Sink |
| Beam Angle | 120° |
| Fixture Connections | Integral Male & Female Connectors |
| Operating Temperature | -40°F ~ 122°F (-40°C ~ 50°C) |
| Storage Temperature | -40°F ~ 176°F (-40°C ~ 80°C) |
| Humidity | 0-95% Non Condensing |

OUTPUT

| | |
|----------------------------|--|
| CCT & SDCM | 2200K - 6500K 2 Step MacAdam Ellipse |
| Color Bin Tolerance | Zero Bin |
| CRI | 95-97 |
| Lumen Maintenance | 90,000 Hours L70 @ 25°C 70,000 Hours L70 @ 50°C |
| Testing Data | Light Data LM-79-08 & LM-80-08 |

ELECTRICAL

| | |
|----------------------|-----------------------|
| Input Voltage | 100-277V AC 50Hz/60Hz |
| Control | DMX 512 |
| Power Factor | ≥ 0.96 |

MODA TECHNOLOGY

moda**SOFTWARE**[™]

moda**HARDWARE**[™]

moda**DYNAMIC WHITE**[™]

moda**PHOSPHOR**[™]

moda**HIGH CRI**[™]

moda**DMX**[™]

moda**DRIVER**[™]

moda**ZERO BIN**[™]

moda**THERMAL MANAGEMENT**[™]

moda**GUARD**[™]

moda**SEAL**[™]

moda**AIRFLOW**[™]

moda**COMMUNICATE**[™]

moda**KWIK CONNECT**[™]



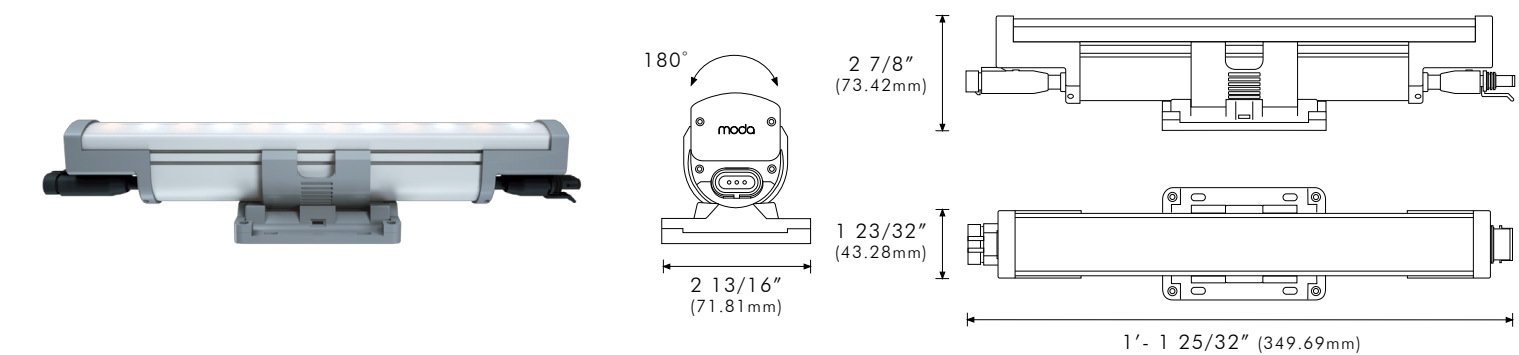
RoHS ✓



Certification Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, C-Tick, RoHS, & WEEE Compliant.

Class 1

Warranty 3 Year Limited Warranty

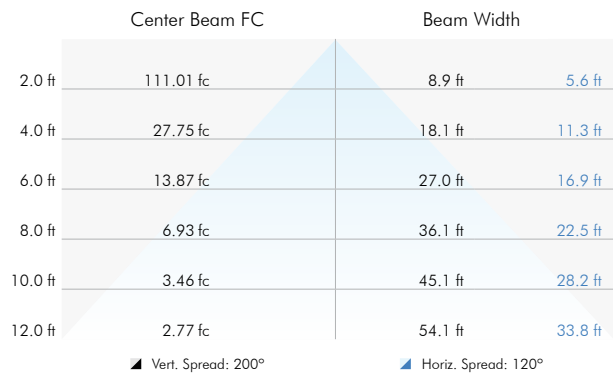


DMX

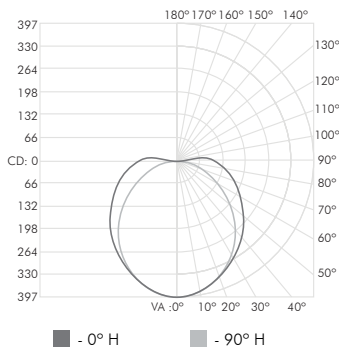
| | Lumens/ft | CRI | Efficacy |
|-----|-------------------|-----|-----------------|
| SO | 682.23 - 791.00 | 97 | 68.22 - 79.10 |
| HO | 1058.00 - 1203.47 | 97 | 105.80 - 120.34 |
| HO+ | 1224.85 - 1393.26 | 97 | 122.48 - 129.32 |

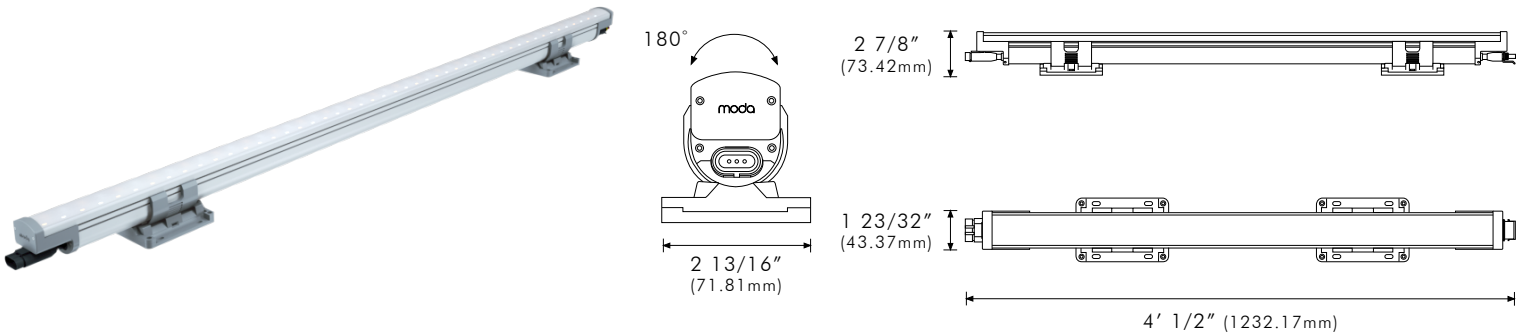
| Power Consumption | Max Run Lengths |
|-------------------|------------------|
| 120-277V AC 10W | 120-277V AC 80ft |

Illuminance at a Distance



Polar Candela Distribution



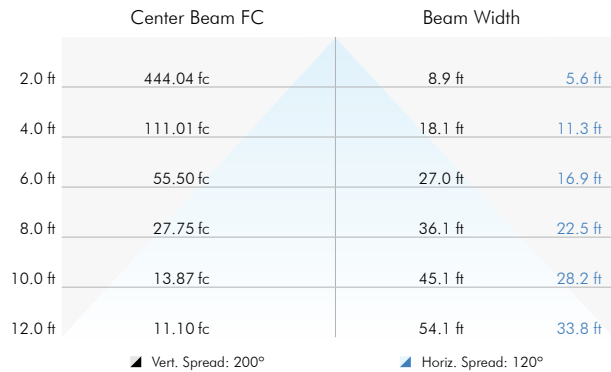


DMX

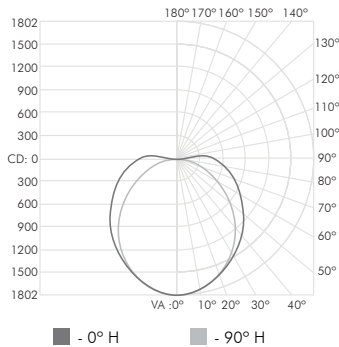
| | Lumens | CRI | Efficacy |
|-----|-------------------|-----|-----------------|
| SO | 2749.38 - 3187.73 | 97 | 68.73 - 79.69 |
| HO | 4263.74 - 4849.98 | 97 | 106.59 - 121.24 |
| HO+ | 4936.14 - 5614.83 | 97 | 123.40 - 140.37 |

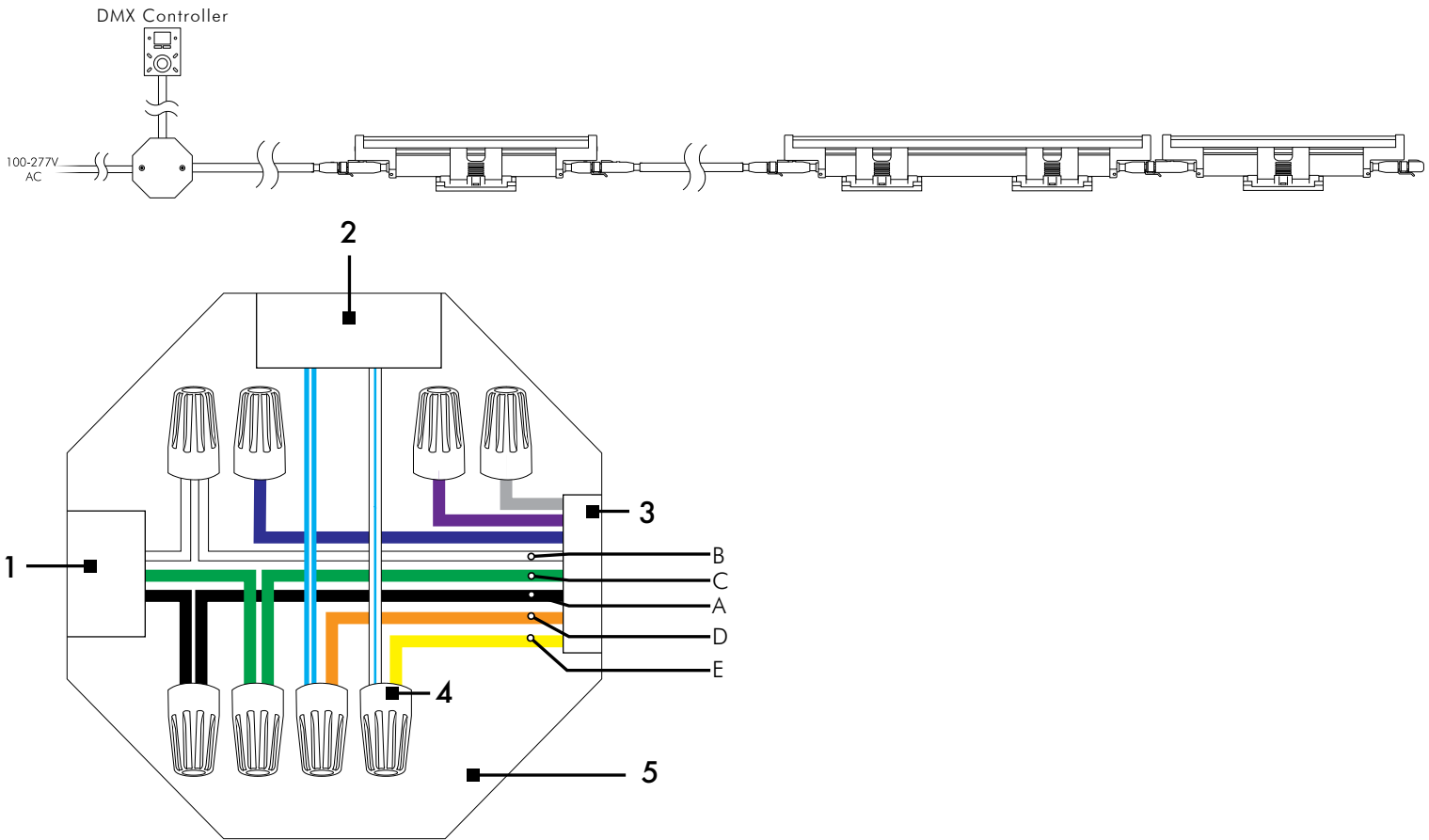
| Power Consumption | Max Run Lengths |
|-------------------|------------------|
| 120-277V AC 40W | 120-277V AC 80ft |

Illuminance at a Distance



Polar Candela Distribution















Wiring Legend

| | |
|---|--------------------|
| 1 | Power 100-277V AC |
| 2 | DMX Controller |
| 3 | 8 Pin Leader Cable |
| 4 | Junction Box |
| 5 | Wiring Nuts |

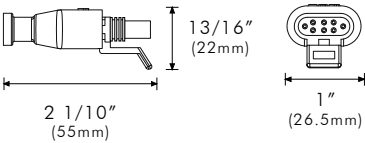
8 Pin Leader Cable

| | | UL/cUL | CE/CCC* |
|---|---------------|--|--|
| A | 100-277V AC |  Black |  Brown |
| B | Neutral |  White |  Blue |
| C | Ground |  Green |  Green/ Yellow |
| D | Data Positive |  Orange |  Orange |
| E | Data Negative |  Yellow |  Yellow |

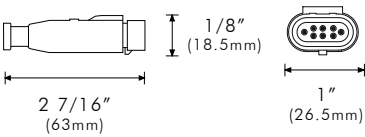
*Not illustrated

DMX Connectors

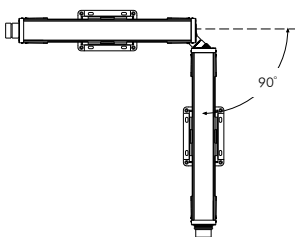
Female



Male



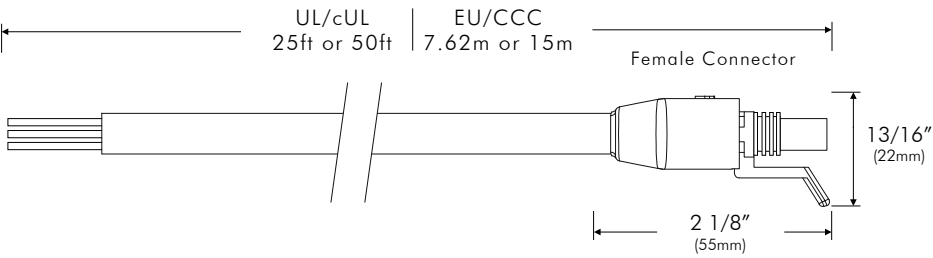
Angle Adjustment



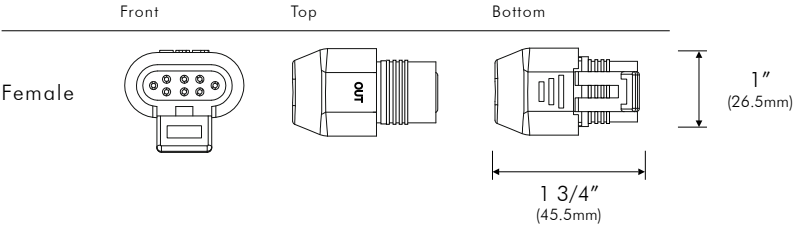
DMX LEADER CABLES

Moda Cove Exterior 8 Pin Leader Cables

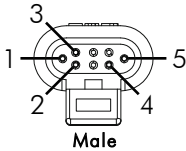
| | UL/cUL | EU/CCC |
|---------|---------------|---------------|
| Lengths | 25ft and 50ft | 7.62m and 15m |
| Color | Black | Black |



Connectors



Pin Assignment

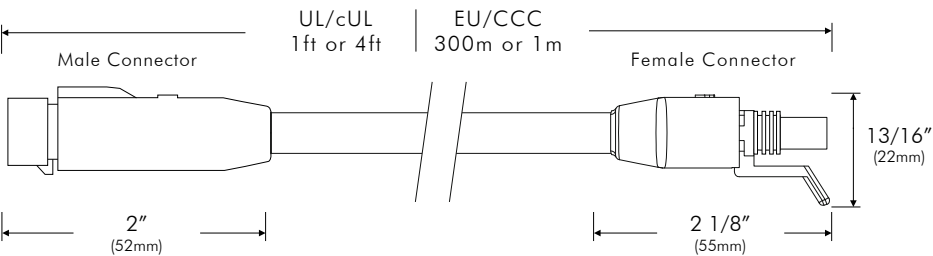


| | | UL/cUL | EU/CCC |
|---|---------------|--------|------------------|
| 1 | Live 100-277V | Black | Brown |
| 2 | Neutral | White | Blue |
| 3 | Ground | Green | Green/ Yellow |
| 3 | DMX Positive | Orange | Orange |
| 4 | DMX Negative | Yellow | Yellow |

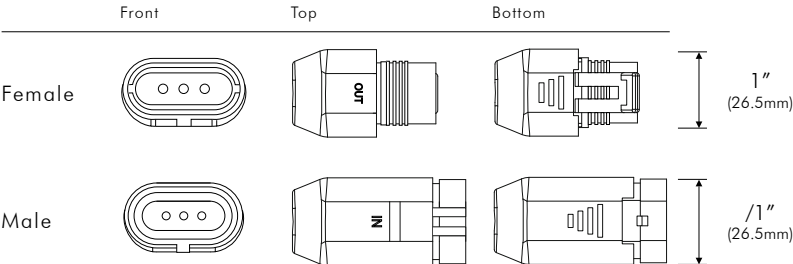
DMX JUMPER CABLES

Moda Cove Exterior 8 Pin Jumper Cables

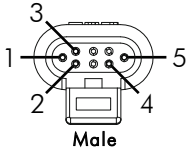
| | UL/cUL | EU/CCC |
|---------|-------------|--------------|
| Lengths | 1ft and 4ft | 300mm and 1m |
| Color | Black | Black |



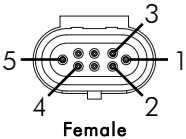
Connectors



Pin Assignment



| | | UL/cUL | EU/CCC |
|---|---------------|--------|------------------|
| 1 | Live 100-277V | Black | Brown |
| 2 | Neutral | White | Blue |
| 3 | Ground | Green | Green/ Yellow |
| 3 | DMX Positive | Orange | Orange |
| 4 | DMX Negative | Yellow | Yellow |



| | | UL/cUL | EU/CCC |
|---|---------------|--------|------------------|
| 1 | Live 100-277V | Black | Brown |
| 2 | Neutral | White | Blue |
| 3 | Ground | Green | Green/ Yellow |
| 3 | DMX Positive | Orange | Orange |
| 4 | DMX Negative | Yellow | Yellow |

| FIXTURE | | SKU |
|---------|---|-------------------|
| 1 FT | Moda Cove Exterior Standard Output Silver Dynamic White 22K-65K HCRI 1FT | MCE-SO-S1-S-DW-1 |
| | Moda Cove Exterior High Output Silver Dynamic White 22K-65K HCRI 1FT | MCE-HO-S1-S-DW-1 |
| | Moda Cove Exterior High Output Plus Silver Dynamic White 22K-65K HCRI 1FT | MCE-HOP-S1-S-DW-1 |
| 4 FT | Moda Cove Exterior Standard Output Silver Dynamic White 22K-65K HCRI 4FT | MCE-SO-S1-S-DW-4 |
| | Moda Cove Exterior High Output Silver Dynamic White 22K-65K HCRI 4FT | MCE-HO-S1-S-DW-4 |
| | Moda Cove Exterior High Output Plus Silver Dynamic White 22K-65K HCRI 4FT | MCE-HOP-S1-S-DW-4 |

| ACCESSORIES | DESCRIPTION | SKU |
|-----------------------------|---|----------------------|
| Leader Cable US 8 Pin 25ft | Power to first fixture of run | MLCE-US-8PIN-B-25FT |
| Leader Cable US 8 Pin 50ft | Power to first fixture of run | MLCE-US-8PIN-B-50FT |
| Jumper Cable US 8 Pin 1ft | Connection between fixtures | MJCE-US-8PIN-B-1FT |
| Jumper Cable US 8 Pin 4ft | Connection between fixtures | MJCE-US-8PIN-B-4FT |
| Leader Cable EU 8 Pin 7.62m | Power to first fixture of run | MLCE-EU-8PIN-B-7.62M |
| Leader Cable EU 8 Pin 15m | Power to first fixture of run | MLCE-EU-8PIN-B-15M |
| Jumper Cable EU 8 Pin 300mm | Connection between fixtures | MJCE-EU-8PIN-B-300MM |
| Jumper Cable EU 8 Pin 1m | Connection between fixtures | MJCE-EU-8PIN-B-1M |
| Terminator 8 Pin | Must be fixed to last fixture for safety | MTE-8PIN-B |
| Exterior Bracket Lock | Holds fixture in place for vertical installations | MCE-BL-G |

| CONTROLS | DESCRIPTION | SKU |
|-------------|------------------------------|-----------|
| Kandi Touch | DMX 512 Controller | KND-TCH-B |
| | Available in black and white | KND-TCH-W |

| CONTROL ACCESSORIES | DESCRIPTION | SKU |
|------------------------------|--|-----------------|
| Belden Shielded Cable 500ft | RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation | BDL-9841-500FT |
| Belden Shielded Cable 1000ft | RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation | BDL-9841-1000FT |