

Project Name: \_\_\_\_\_ SKU: \_\_\_\_\_

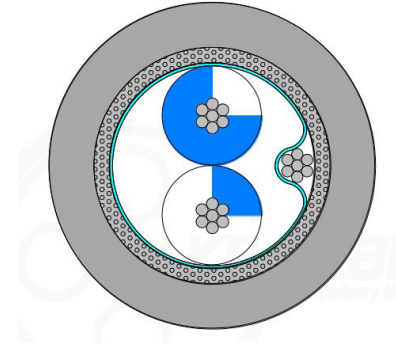
MODA Contact: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Type: \_\_\_\_\_ PO#: \_\_\_\_\_ Quantity: \_\_\_\_\_

Notes: \_\_\_\_\_

### MODA SHIELDED RS-485 CABLE

24 AWG 2 conductors 7 strands tinned copper wire with PE insulation, an aluminum/mylar tape shield, a tinned copper braid and an overall PVC jacket.



### CONDUCTOR

<b>AWG Size &amp; Stranding</b>	24 AWG 7 Strands Class B
<b>Material</b>	Annealed Tinned Copper
<b>Conductor Count</b>	2 Conductors

### INSULATION

<b>Material</b>	Foam PE
<b>Wall Thickness</b>	0.022"
<b>Diameter</b>	0.067" ± 0.002"
<b>Color Code</b>	Blue/White, White/Blue

### CABLE ASSEMBLY

<b>Lay Length</b>	2.00" LHL, Nominal
<b>Shield</b>	Aluminum/Mylar Tape - 100% Coverage (Foil Out)
<b>Drain Wire</b>	24 AWG 7 Strands Tinned Copper
<b>Braid</b>	36 AWG Tinned Copper - 90% Min. Coverage

### JACKET

<b>Material</b>	PVC
<b>Wall Thickness</b>	0.030"
<b>Diameter</b>	0.217" ± 0.020"
<b>Color</b>	Gray
<b>Ripcord</b>	Yes
<b>Weight</b>	29 lbs/Mft

### MARKINGS

<b>Type</b>	Cable permanently identified via surface inkjet print
<b>Legend</b>	MODA RS-485 30V 80C "ROHS COMPLIANT" MADE IN USA
<b>Footage Markers</b>	Yes

### NOMINAL ELECTRICAL CHARACTERISTICS

<b>Impedance</b>	120 Ω
<b>Capacitance</b>	11 pF/ft. ± 10%
<b>DC Resistance</b>	27.2 Ω/Mft. Maximum @ 20°C

### STANDARDS & CERTIFICATIONS

Cable meets EIA/TIA RS485 standard for electrical requirements  
Cable suitable for installation under NEC (NFPA 70) article 800 guidelines  
Cable suitable for installation in Canada under Section 60 of CEC, Part I C(UL)US listed as CM per UL standard 444 and per CSA C22.2 No. 214-17 UL Recognized component as AWM2919 per UL standard 758

Maximum Operating Voltage: 300V RMS

Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive

Cable is REACH compliant per Regulation (EC) No 1907/2006 (219), Updated January 15, 2021

Made in the USA

WARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Wash hands after handling.

PRODUCT	ORDERING SKU
Moda 500ft Shielded RS-485 Cable	250-0251-02
Moda 1000ft Shielded RS-485 Cable	250-0252-02