

Technical Data Sheet 1/03/2016 Y64114 Rev. 1

I. General Description:

24 AWG stranded (7x32) TC conductors, FHDPE insulation, twisted pairs, overall Beldfoil® (100% coverage) + TC braid shield (90% coverage), TPE iacket

II. Physical Characteristics:

-# Pairs 2. 24 -AWG 7x32 -Stranding

-Conductor Material TC - Tinned Copper

-Insulation Material FHDPE - Foam High Density

Polyethylene

-Nom. Insulation Thickness .020"

-Outer Shield

| Layer # | Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|---------|-------------------------|-------|------------------------------|--------------|
| 1 | Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 |
| 2 | | Braid | TC - Tinned Copper | 90 |

-Outer Jacket Material TPE - Thermoplastic Elastomer

-Nom. Outer Jacket Thickness .015"

-Overall Nom. Diameter .272"

III. Mechanical Characteristics:

-20°C To +60°C -Operating Temperature Range

-Max. Recommended Pulling Tension 75 LBS. 2.7" -Min. Bend Radius

V. Electrical Characteristics:

-Max. Operating Voltage 300 V RMS

-Nom. Conductor DC Resistance 24 Ohm/1000' @ 20°C

**Print Legend: "BELDEN Y64114 2PR24AWG DMXFLEX SHIELDED--DMX512 LIGHTING CONTROL CABLE"

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