

Data Grade Cable

WEST PENN WIRE



Data Grade Cable Multiple Pair / Overall Shielded

Description:

- ASTM Tinned Copper • Polyolefin insulation
- Overall shield 100% coverage of aluminum polyester foil with 24 AWG strd. TC drain wire • Twisted Pair Construction • Overall PVC jacket

Rating:

- NEC Type CM
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Standard pool size 1000ft.

Applications:

Indoor for:

- Control
- Signaling
- Electronic Data
- Microprocessor Based
- Serial Data

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & Coverage | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|-------------|--------------|-----------------------------|------------------------------------|----------------------|--------------------------------|------------------|----------|--------------------------|--------------|
| D2401 | 1 Pair | 24 AWG (7x32) 26 Ω/Mft | Polyolefin .013 | Al. Foil 100% | PVC .030 | .160 | CM | 14.5pf/ft* 26pf/ft ** | Gray |
| D2402 | 2 Pair | 24 AWG (7x32) 26 Ω/Mft | Polyolefin .013 | Al. Foil 100% | PVC .030 | .228 | CM | 14.5pf/ft* 26pf/ft ** | Gray |
| D2403 | 3 Pair | 24 AWG (7x32) 26 Ω/Mft | Polyolefin .013 | Al. Foil 100% | PVC .030 | .248 | CM | 14.5pf/ft* 26pf/ft ** | Gray |
| D2404 | 4 Pair | 24 AWG (7x32) 26 Ω/Mft | Polyolefin .013 | Al. Foil 100% | PVC .030 | .268 | CM | 14.5pf/ft* 26pf/ft ** | Gray |
| D3651 | 2 Pair | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .010 | Al. Foil 100% | PVC .030 | .235 | CM | 26pf/ft* 47pf/ft ** | Gray |
| D3652 | 3 Pair | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .010 | Al. Foil 100% | PVC .030 | .248 | CM | 26pf/ft* 47pf/ft ** | Gray |
| D3653 | 4 Pair | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .010 | Al. Foil 100% | PVC .030 | .268 | CM | 26pf/ft* 47pf/ft ** | Gray |

Special Notes:

- Select Cables are available in Easybox ®
- Orange ripcord included on cables containing 3 or more pairs.

Electrical Characteristics

Nom. Vel of Propagation - 66%
Nom. Impedance Ω 24 Awg.- 100Ω
Nom. Impedance Ω 22 Awg.- 55Ω

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

Color Code

| Pair No. | Colors |
|---------------------|-------------|
| 1 | Black/Red |
| 2 | Black/White |
| 3 | Black/Green |
| 4 | Black/Blue |
| JACKET: Gray | |