## **Industrial Data Transmission Cable**

## Multipairs individual and overall Foiled Shield (CMI)

Low capacitance, twisted pairs with foiled shield 100 Ohms +/-20% Impedance UL type CM CSA PCC 75℃, 300 Volt

Conductor: Stranded concentric tinned copper

Insulation: Polyethylene

Shield: Individual and overall Aluminium polyester Foil with 7 strands tinned copper drain

wire

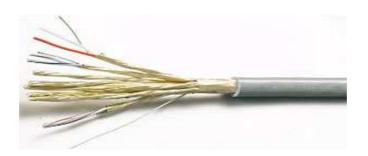
Jacket: PVC grey color

Application: This cable also called low capacitance cables and application almost for Balanced

Circuited Signal\* data transmission between data communication equipment and data terminal equipment. Due to very low capacitance these cables can extended

distance with balanced pairs applications.

<sup>\*</sup> Balanced circuited signal RS-485, RS-422 or RS-232C



| Description Standard | AWG | Conductor<br>Stranded<br>(No/mm) | No.<br>of<br>Pairs | Insulation<br>Thickness<br>mm | Nominal<br>OD.<br>mm | Jacket<br>Material | Nominal<br>Pairs<br>Cap.pF/m | Part<br>Number |
|----------------------|-----|----------------------------------|--------------------|-------------------------------|----------------------|--------------------|------------------------------|----------------|
|                      | 24  | 7/0.20                           | 2                  | 0.35                          | 6.5                  | PVC                | 48                           | CMI2402P       |
|                      | 24  | 7/0.20                           | 3                  | 0.35                          | 6.8                  | PVC                | 48                           | CMI2403P       |
| СМ                   | 24  | 7/0.20                           | 4                  | 0.35                          | 7.6                  | PVC                | 48                           | CMI2404P       |
|                      | 24  | 7/0.20                           | 6                  | 0.35                          | 8.8                  | PVC                | 48                           | CMI2406P       |
|                      | 24  | 7/0.20                           | 8                  | 0.35                          | 9.7                  | PVC                | 48                           | CMI2408P       |
|                      | 24  | 7/0.20                           | 12                 | 0.35                          | 11.6                 | PVC                | 48                           | CMI2412P       |
|                      |     |                                  |                    |                               |                      |                    |                              |                |
| CSA type             | 22  | 7/0.254                          | 2                  | 0.4                           | 7.2                  | PVC                | 48                           | CMI2202P       |
|                      | 22  | 7/0.254                          | 3                  | 0.4                           | 7.9                  | PVC                | 48                           | CMI2203P       |
| PCC                  | 22  | 7/0.254                          | 4                  | 0.4                           | 8.7                  | PVC                | 48                           | CMI2204P       |
|                      | 22  | 7/0.254                          | 6                  | 0.4                           | 10.4                 | PVC                | 48                           | CMI2206P       |
|                      | 22  | 7/0.254                          | 8                  | 0.4                           | 11.2                 | PVC                | 48                           | CMI2208P       |
|                      | 22  | 7/0.254                          | 12                 | 0.4                           | 13.8                 | PVC                | 48                           | CMI2212P       |

