

# 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°C, 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.

\* Balanced circuited signal [RS-485](#), [RS-422](#) or [RS-232C](#)



Description	AWG	Conductor Stranded (No/mm)	No. of Pairs	Insulation Thickness mm	Nominal OD. mm	Jacket Material	Nominal Pairs Cap.pF/m	Part Number	
<b>CM</b>	24	7/0.20	2	0.35	6.5	PVC	48	CMI2402P	
	24	7/0.20	3	0.35	6.8	PVC	48	CMI2403P	
	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	
<b>CSA type</b>	22	7/0.254	2	0.4	7.2	PVC	48	CMI2202P	
	22	7/0.254	3	0.4	7.9	PVC	48	CMI2203P	
	<b>PCC</b>	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