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## **INDUSTRIAL ETHERNET CABLE TO IEEE 802.3**

*Through the use of Category 5 style cables Industrial Ethernet provides a stable platform for linking automation systems and workstations.*



Through the use of Category 5 style cables Industrial Ethernet provides a stable platform for linking automation systems and workstations. They are also suitable for interlinking different Bus protocols such as Profibus and Interbus. The use of finely stranded conductors and PUR sheathing compounds makes them ideal for frequent flexing and dynamic applications.

# Technical Information

<b>Voltage Rating:</b>	<b>150V</b>
<b>Temperature Rating:</b>	
<b>Static:</b>	-30°C +70°C
<b>Flexing:</b>	-5°C +50°C
<b>Conductor Resistance:</b>	100 Ω/km
<b>Capacitance:</b>	
<b>Core to core:</b>	108pF/m @ 1kHz
<b>Nominal Impedance:</b>	100 Ohms
<b>Colour Code:</b>	White/blue, blue White/orange, orange White/green, green White/brown, brown
<b>Standards:</b>	EN 50173, IEEE 802.3

## Construction

Fine stranded plain copper conductors, polypropylene insulation, cores twisted into pairs or quads and laid up, aluminium foil and tinned copper wire braid screen, PUR sheath.

## Specification

Part No.	No. of Pairs	AWG	Sheath Material	Weight Kg/Km	O/D mm	Screened
C52S-HF	2	24(19)	PUR	65.00	6.1	CFS-TCWB
C5S-HF	4	24(19)	PUR	82.00	8.0	CFS-TCWB