

Part Number

WAVE CABLE 

WC-CAT6-C6-4P24S-XX-B2CA

23 AWG INDOOR CAT 6 F/UTP LOW SMOKE ZERO HALOGEN SHEATH NETWORK CABLE

Overall Foil Screen • Low Smoke Zero Halogen • B2ca fire rating (CPR)

Version Number
V1.0

Date
03/07/26

CABLE USE CASE

Biometric Readers Utilising PoE, Intercom Utilising PoE, Cameras Utilising PoE and Data

CABLE CONSTRUCTION

4 Pair Cat6 Shielded

INSULATION

Extruded HDPE (High Density Polyethylene)

OVERALL SHIELD

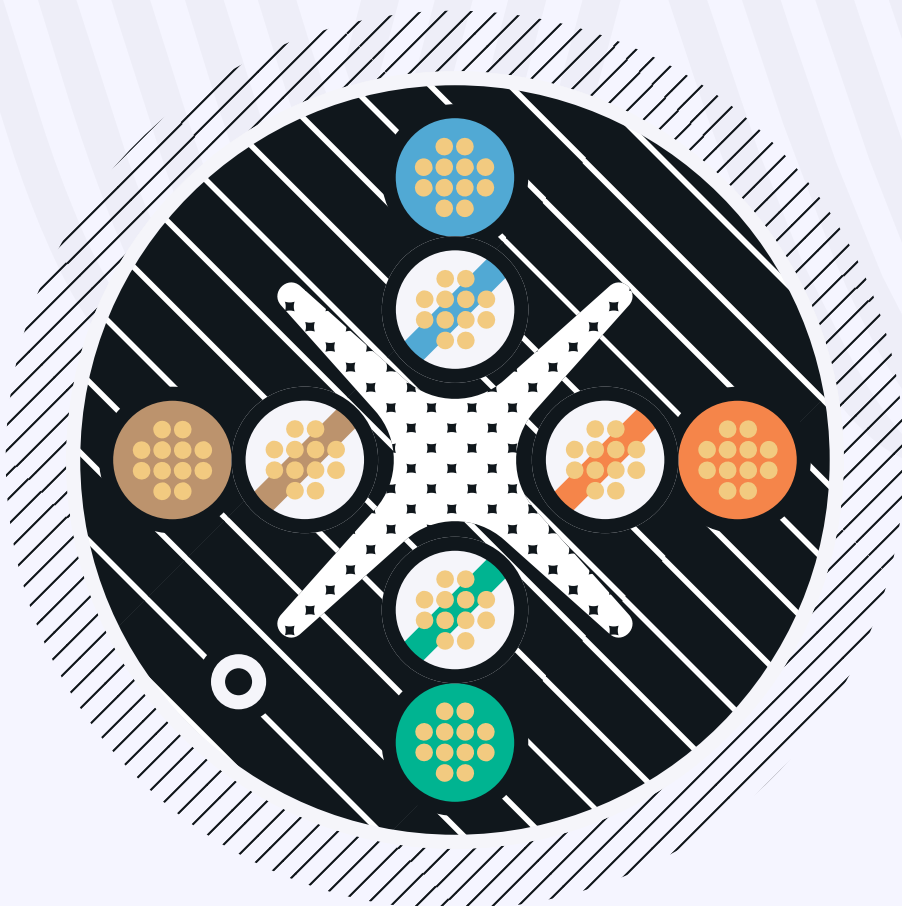
Aluminium/polyester foil shield

RIPCORD

Easy-strip ripcord for quick sheath removal.

INNER SHEATH

Extruded LSZH (Low Smoke Zero Halogen)



● Conductor • □ Dividing Spline • ▨ Collective Screen

▨ Outer Sheath • ■ Cores • ● Ripcord

ELECTRICAL CHARACTERISTICS @20°C

Nominal Impedance	100 Ω
DC Resistance Max	9.38 Ω /100m
Maximum Delay Skew	45 ns/100m
Unbalanced-to-Ground Capacitance	330 pF/100m
DC Conductor Resistance Unbalance	5%

TEMPERATURE

Operating Temperature Range	-25 to 75 °C
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FIRE PERFORMANCE

CPR Classification	B2ca
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7.50mm
(To Scale)



WC-CAT6-C6-4P24S-BK-B2CA

NOMINAL DIMENSIONS

Conductor Gaug	23 AWG
Insulation Diameter	1.12mm
Outer Sheath Diameter	7.50mm

OUTER SHEATH COLOUR

■ Black

Also available in other colours:

WH	YL	VT	OR	GR	BL	BK	RD	GY
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