

Part Number

WAVE CABLES 

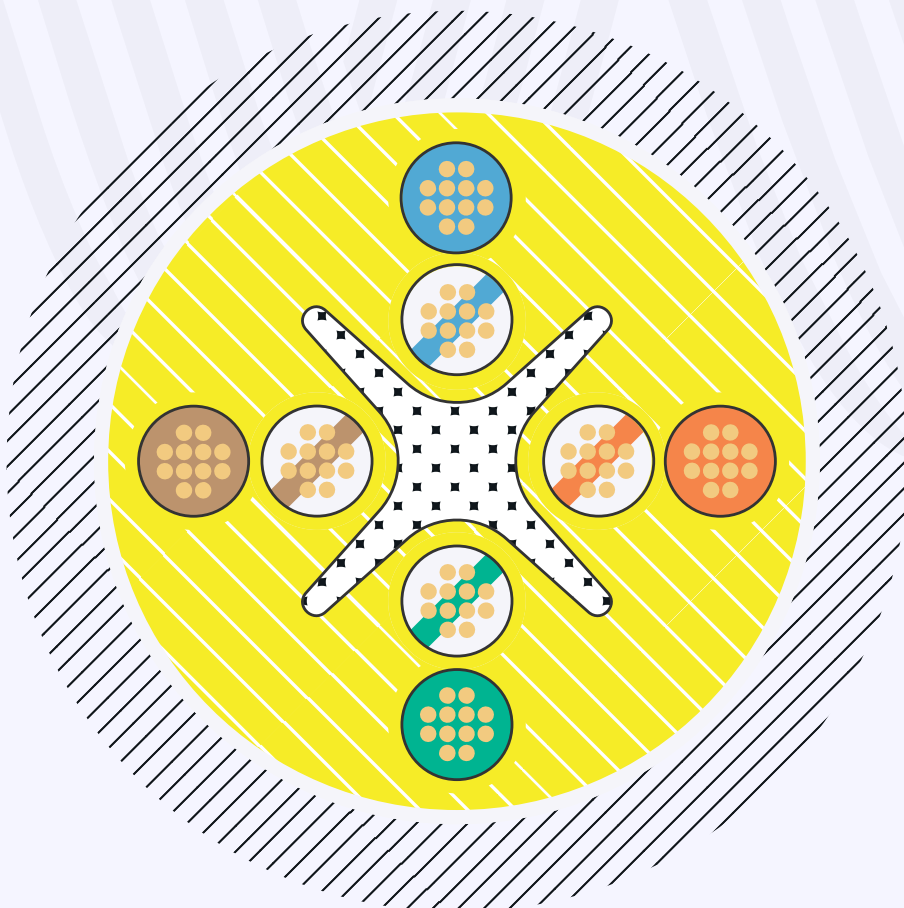
WC-CAT6A-C6A-4P23S-XX-DUCT

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

Overall Foil Screen • Low Smoke Zero Halogen • Duct Grade

Version Number
V1.0

Date
08/09/26



● Conductor • ■ Dividing Spline • ■ Collective Screen

▨ Outer Sheath • ■ Cores • ● Ripcord

ELECTRICAL CHARACTERISTICS @20°C

Max Conductor Resistance	145 Ω/km
DC Conductor Resistance Unbalance	2 %
Insulation Resistance	2 GΩ x km
Mutal Capacitance	45 ± 5 nF/km
Capacity Unbalance	1600 pF/km
Velocity Propagation	77 %

TEMPERATURE

Operating Temperature Range	-30 to 80 °C
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7.60mm
(To Scale)



WC-CAT6-C6-4P23S-BK-DUCT

CABLE USE CASE

IP Devices: Intercom panels, handsets, access control panels, cameras & edge devices

CABLE CONSTRUCTION

4 x 23 AWG Pair Cat6A 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)

OUTER SHEATH

Extruded PE (Polyethylene)

NOMINAL DIMENSIONS

Conductor Gauge	23 AWG
Inner Sheath Diameter	6.00mm
Outer Sheath Diameter	7.60mm

SHEATH COLOUR

■ Black Outer Sheath
■ Yellow Inner Sheath

Also available in other colours:

WH	YL	VT	OR	GR	BL	BK	RD	GY
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