Part Number

WAVE CABLES

WC-WIEG-W6-3P22S-XX-B2CA

22 AWG 3 PAIR SCREENED LOW SMOKE ZERO HALOGEN CABLE

Internal Ripcord • Flexible copper conductor cores • B2ca fire rating (CPR)

Version Number	Date
V1.0	14/07/26



Conductor • Collective Screen • Outer Sheath

Pair • Pair • Pair • Ripcord

CABLE USE CASE

Card Readers, Biometric Readers -Wiegand Protocol

CABLE CONSTRUCTION

6x 22 AWG, 3xTwisted pair, overall foil shielded

INSULATION

Extruded LSZH (Low Smoke Zero Halogen) to EN 50363 TI6/TI7

OVERALL SHIELD

Aluminium/polyester foil shield

RIPCORD

Easy-strip ripcord for quick sheath removal.

TWISTING

2 Cores twisted together to form a pair

SHEATH

Extruded LSZH (Low Smoke Zero Halogen)

ELECTRICAL CHARACTERISTICS @20°C

Voltage	300 V
Max Conductor Resistance (@20°C)	59 Ω/km
Min Insulation Resistance (@20°C)	M10 Ω/km
Maximum Mutual Capacitance	250 pF/m
Maximum L/R Ratio	25 µH/Ω

TEMPERATURE

Operating Temperature Range	-25 to 75 °C

PHYSICAL

Minimum Bend Radius	10 x Ø

FIRE PERFORMANCE

CPR Classification	B2ca



NOMINAL DIMENSIONS

Conductor Gauge	22 AWG
Insulation Diameter	1.35mm
Outer Sheath Diameter	6.33mm

OUTER SHEATH COLOUR

Black

Also availible in other colours:

WH YL VT OR GR BL BK RD GY

Scan To Enquire

Or contact us on:

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www.wavecables.com/contact