

CPS-CET-CIO

POWER AND CONTROL CABLES



- Cable with power supply with 3 conductors
- Ethernet cable STP Cat. 5e
- Shielded signals cable with 7 or 8 conductors
- All cables are UL certified

CABLES FOR DIFFERENT FUNCTIONS

Single-function cables for Ethernet, power and control connections.

TECHNICAL DATA

CPSG0300

GENERAL

Unshielded three-core cable with high chemical and mechanical resistance.

MECHANICAL

Unshielded cable

External diameter: 8.7mm (0.34in)

Minimum bending radius: 43.5mm (1.7in)

Jacket colour: grey

Type of laying: fixed installation and mobile installation

Weight: 117.1kg/km

ELECTRICAL

Cable composition: 3 copper conductors

Conductor cross section: 2.5mm² (13AWG)

Insulation colour code: black (black cores numbered 1, 2) + yellow/green

Working voltage: 1000V

ENVIRONMENT

Operating temperature (fixed installation): from -40°C (-40°F) up to +80°C (+176°F)

Operating temperature (mobile installation): from -30°C (-22°F) up to +80°C (+176°F)

CERTIFICATIONS

UL Style 21576

Oil resistant: complies with UL 758 table 15.1, HD 22.10

Reaction to fire: complies with UL 758, test FT-2 CSA C.22.2 n°210

Emission of hydrogen halides: ≤0.5%, complies with IEC 60754, CEI EN 50267-2

RoHS (CE): complies with 2015/863/EU

CETV0100

GENERAL

Fast Ethernet STP Cat.5e cable.

MECHANICAL

Shielded cable

External diameter: 6.7mm (0.26in)

Minimum bending radius (fixed installation): 33.5mm (1.3in)

Minimum bending radius (mobile installation): 67mm (2.6in)

Jacket colour: green

Type of laying: fixed installation and mobile installation

Weight: 70kg/km

ELECTRICAL

Cable composition: 4 pairs of copper conductors

Conductor cross section: 0.22mm² (24AWG)

Insulation colour code: white/orange, orange, white/green, green, white/blue, blue, white/brown, brown

Shielding: tinned copper braid, coverage ≥85%

Category: 5e

Working voltage: 300V

ENVIRONMENT

Operating temperature (fixed installation): from -40°C (-40°F) up to +80°C (+176°F)

Operating temperature (mobile installation): from -30°C (-22°F) up to +80°C (+176°F)

CERTIFICATIONS

UL Style 21576

Resistance to industrial oils: complies with UL 758 table 15.1, EN 50363-10-2

Reaction to fire: complies with UL 758, test FT-2 CSA C.22.2 n°210, IEC CEI EN 60332-1

Emission of hydrogen halides: ≤0.5%, complies with IEC 60754, CEI EN 50267-2

RoHS (CE): complies with 2015/863/EU

CIOG0700

GENERAL

Shielded multipolar cable for signal transmission.

MECHANICAL

Shielded cable

External diameter: 6.4mm (0.25in)

Minimum bending radius (fixed installation): 25.6mm (1in)

Minimum bending radius (mobile installation): 48mm (1.9in)

Jacket colour: grey

Type of laying: fixed installation and mobile installation

Weight: 63.2kg/km

ELECTRICAL

Cable composition: 7 copper conductors

Conductor cross section: 0.34mm² (22AWG)

Insulation colour code: complies with DIN 47100

Shielding: tinned copper braid, coverage ≥85%

Working voltage: 1000V

ENVIRONMENT

Operating temperature (fixed installation): from -40°C (-40°F) up to +80°C (+176°F)

Operating temperature (mobile installation): from -30°C (-22°F) up to +80°C (+176°F)

CERTIFICATIONS

UL Style 21576

Resistance to industrial oils: complies with UL 758 table 15.1, HD 22.10

Reaction to fire: complies with UL 758, test FT-2 CSA C.22.2 n°210

Emission of hydrogen halides: ≤0.5%, complies with IEC 60754, CEI EN 50267-2

RoHS (CE): complies with 2015/863/EU

CIOV0800

GENERAL

Shielded multipolar cable for signal transmission.

MECHANICAL

Shielded cable

External diameter: 7mm (0.28in)

Minimum bending radius (fixed installation): 21mm (0.83in)

Minimum bending radius (mobile installation): 42mm (1.6in)

Jacket colour: green

Type of laying: fixed installation and mobile installation

Weight: 78kg/km

ELECTRICAL

Cable composition: 8 copper conductors

Conductor cross section: 0.34mm² (22AWG)

Insulation colour code: complies with DIN 47100

Shielding: tinned copper braid, coverage ≥85%

Working voltage: 300V

ENVIRONMENT

Operating temperature (fixed installation): from -50°C (-58°F) up to +80°C (+176°F)

Operating temperature (mobile installation): from -40°C (-40°F) up to +80°C (+176°F)

CERTIFICATIONS

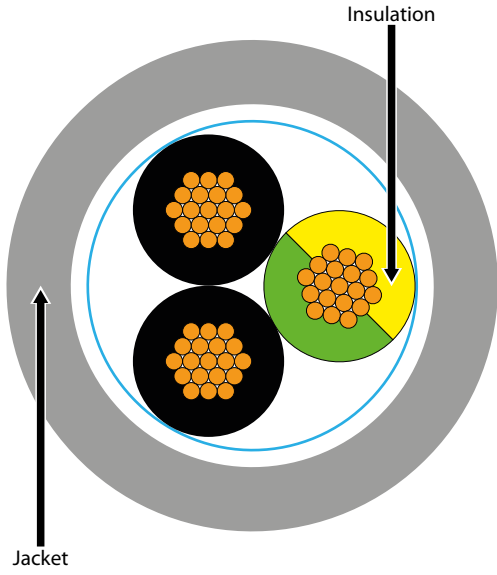
UL Style 20233

Resistance to industrial oils and hydrocarbons: complies with UL 1581/758, CNOMO E.03.40.150N, IRM 902, VDE 0472-803 A/B, CEI EN 50363-10-2

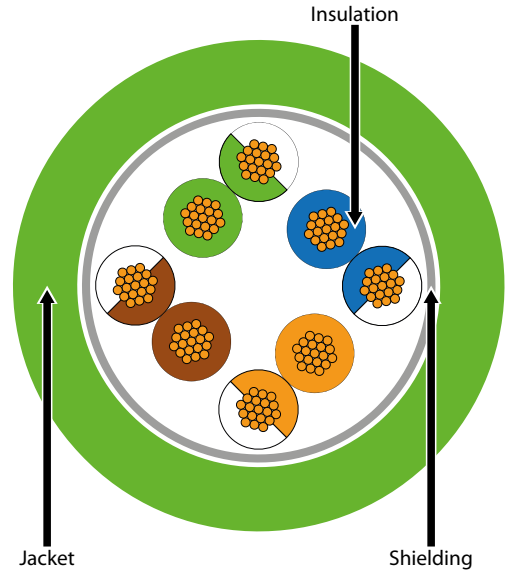
Reaction to fire: self-extinguishing, complies with FT1, IEC/CEI/EN 60332-1-2

Emission of hydrogen halides: Halogen Free, complies with IEC 60754-1

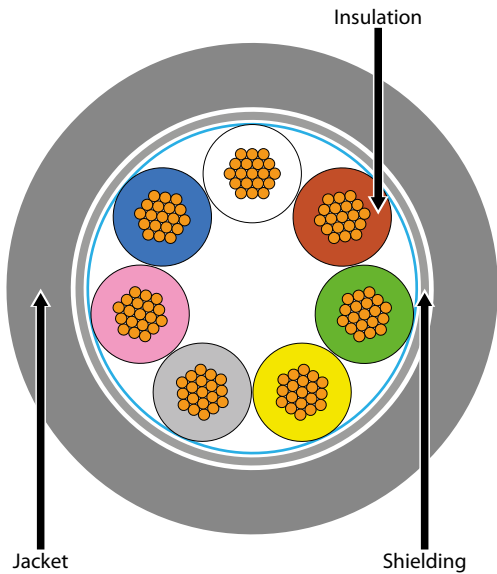
RoHS (CE): complies with 2015/863/EU



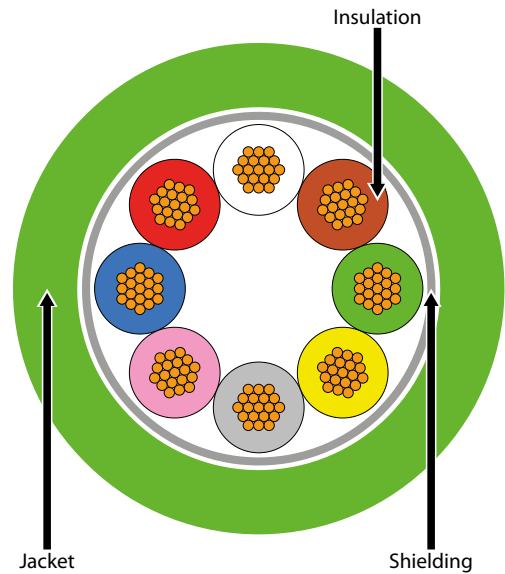
CPSG0300, CABLE SECTION



CETV0100, CABLE SECTION



CIOG0700, CABLE SECTION



CIOV0800, CABLE SECTION