SC-2X20AWG-FR

Security Cable, 20 AWG

> **OBSOLETE**

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Copper security cable

General Specifications

Cable Type	Security
Conductor Type, singles	Stranded
Conductors, quantity	2
Construction Type	Non-armored
Drain Wire Type	Solid
Jacket Color	Gray
Jacket Color, singles	Blue	White
Supported Application	Industrial

Dimensions

Diameter Over Insulated Single	1.397 mm	0.055 in
Diameter Over Jacket, nominal	4.064 mm	0.16 in
Insulation Thickness, singles	0.229 mm	0.009 in
Jacket Thickness	0.508 mm	0.02 in
Conductor Gauge, singles	20 AWG
Drain Wire Gauge	20 AWG

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Electrical Specifications

Capacitance	118.11 pF/m	36 pF/ft
Conductor dc Resistance	36.089 ohms/km	11 ohms/kft
Operating Voltage, maximum	300 V

Material Specifications

Center Conductor Material	Stranded tinned copper wire
Conductor Material	Stranded tinned copper wire
Dielectric Material	Polyolefin
Drain Wire Material	Tinned copper
Insulation Material, singles	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Inner Jacket Material	Low Smoke Zero Halogen (LSZH)
Shield (Tape) Material	Polyester/Aluminum tape

Mechanical Specifications

Minimum Bend Radius, unloaded, times	10 times

Environmental Specifications

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	CMR

Packaging and Weights

Cable weight	24.793 kg/km	16.66 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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