

SC-2X20AWG-FR



Security Cable, 20 AWG

Product Classification

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

Construction Materials

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

Dimensions

Cable Weight	24.80 kg/km
Diameter Over Insulated Single	1.397 mm 0.055 in
Diameter Over Jacket, nominal	4.064 mm 0.160 in
Insulation Thickness, singles	0.229 mm 0.009 in
Jacket Thickness	0.500 mm 0.020 in

Electrical Specifications

Capacitance	118.1 pF/m 36.0 pF/ft
Conductor dc Resistance	11.00 ohms/kft
Operating Voltage, maximum	300 V

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	CMR

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Operating Temperature -40 °C to +85 °C (-40 °F to +185 °F)

General Specifications

Cable Type	Security
Jacket Color	Gray
Supported Application	Industrial
Conductor Gauge, singles	20 AWG
Conductor Type, singles	Stranded
Conductors, quantity	2
Drain Wire Gauge	20 AWG
Drain Wire Type	Solid
Jacket Color, singles	Blue White
Packaging Type	Reel

Mechanical Specifications

Minimum Bend Radius, unloaded 10 times

Regulatory Compliance/Certifications

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

