

MALE END VIEW

1 = WHITE/ORANGE (+TX)
2 = WHITE/GREEN (+RX)
3 = ORANGE (-TX)
4 = GREEN (-RX)

RJ45SF END VIEW

1 = WHITE/ORANGE (+TX)
2 = ORANGE (-TX)
3 = WHITE/GREEN (+RX)
4 = N/C
5 = N/C
6 = GREEN (-RX)
7 = N/C
8 = N/C

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR (P1)	TPU/BLACK
MOLDED MATERIAL/COLOR (P1)	TPU/BLUE-GRAY
CONTACT MATERIAL/PLATING (P1)	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
CONTACT CARRIER MATERIAL (P1)	POLYCARBONATE
MOLDED HEAD MATERIAL/COLOR (J1)	TPU/BLACK
CONTACT MATERIAL/PLATING (J1)	BRONZE/GOLD
RATED CURRENT [A]	1.5 A
RATED VOLTAGE [V]	42 V
OUTER CABLE JACKET MATERIAL/COLOR	TPE/TEAL
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	2UTPx24 AWG, STRANDED (CAT 5e)
SHIELDING	ALUM/POLYPROPYLENE FOIL, TINNED-COPPER BRAID
TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP68 (RJ45/IP20)

* METERS
SEE NOTE 1

55.2 [2.17]

M12x1

ø15.0 [0.59]

P1

SHIELDED AND ANTI-VIBRATION COUPLING NUT

ø6.7 [0.26]

50.8 [2.00] REF.

J1

21.1 [0.83] REF.

20.3 [0.80] REF.

CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

* UNLESS OTHERWISE SPECIFIED

NOTES:

1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

RELATED DOCUMENTS

3RD ANGLE PROJECTION

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1.

2.

3.

4.

MATERIAL

FINISH

DRFT

APVD

RDS

DATE 01/31/06

SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION

IDENTIFICATION NO.

REV

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

RSSD RJ45SF 441-*M

G

G	UPDATE MOLD MATERIAL FOR RJ45SF	RDS	03/26/18	64775
REV	DESCRIPTION	BY	DATE	ECO. NO.