

MALE END VIEW

1 2 3 4 5 6 7 8 SHIELD

PAIR 1 — 1 = WHITE/ORANGE
2 = ORANGE

PAIR 2 — 3 = WHITE/GREEN
4 = GREEN

PAIR 3 — 5 = WHITE/BROWN
6 = BROWN

PAIR 4 — 7 = WHITE/BLUE
8 = BLUE

RJ45S END VIEW

12345678

PAIR — 1 = WHITE/ORANGE
2 = ORANGE

PAIR — 3 = WHITE/GREEN
4 = BLUE

PAIR — 5 = WHITE/BLUE
6 = GREEN

PAIR — 7 = WHITE/BROWN
8 = BROWN

Ethernet

SPECIFICATIONS

CONTACT CARRIER MATERIAL/PLATING (P1)	ZINC/NICKEL
MOLDED MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING (P1)	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
CONTACT CARRIER MATERIAL (P2)	POLYCARBONATE
CONTACT MATERIAL/PLATING (P2)	BRONZE/GOLD
RATED CURRENT [A]	0.5 A
RATED VOLTAGE [V]	42 V
OUTER CABLE JACKET MATERIAL/COLOR	TPE/TEAL
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	4UTP×26 AWG, STRANDED
SHIELDING	ALUM.-POLYESTER FOIL & T-C BRAIDED
TEMPERATURE RANGE	−40°C to +75°C (−40°F to +176°F)
PROTECTION CLASS	MEETS IEC IP67 (IEC IP20:P2)
TRANSMISSION CHARACTERISTICS	CAT 6A

* METERS
SEE NOTE 1

55.2 [2.17]

38.0 [1.50] REF

15.0 [0.59] REF

14.0 [0.55] REF

Ø15.0 [0.59]

M12x1

P1

SHIELDED AND ANTI-VIBRATION COUPLING NUT

P2

SHIELD

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.

2. "/S3451" DESIGNATES GIGABIT CORDSET THAT IS LESS THAN 1M OR OVER 70M. CORDSET IS NOT TESTED FOR CATEGORY PERFORMANCE.

RELATED DOCUMENTS

3RD ANGLE PROJECTION

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1.

2.

3.

4.

MATERIAL

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT

ER

APVD

DATE 07/08/20

SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION

RSSX RJ45S 860-*M/S3451

IDENTIFICATION NO.

777044588

REV

A

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SHEET 1 OF 1