COMMUNICATION & CONTROL
MULTICONDUCTOR, BRAID SHIELD
PE/PVC
RoHS COMPLIANT
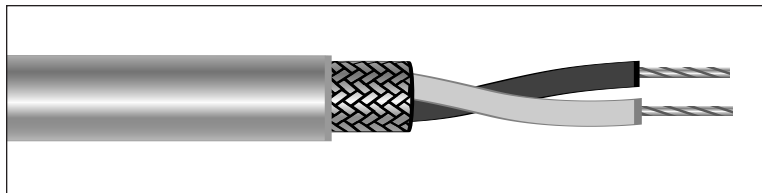
Alpha Part No.	No. of Cond.	Conductor AWG	Conductor Strand	Insulation Thickness Inches	Insulation Thickness mm	Jacket Thickness Inches	Jacket Thickness mm	Diameter Inches	Diameter mm	Type of Shield	Nominal Imp (Ω)	◆Nominal Cap pf/ft.
▲ 1771	2	23	60/40	0.020	0,51	0.040	1,02	0.237	6,0	Braid	88	33
▲▲ 1772	4	24	40/40	0.014	0,36	0.044	1,18	0.237	6,0	Braid	44	57

◆Between one conductor and remaining conductors (if any) connected to shield.

CHARACTERISTICS

OPERATING TEMPERATURE:
■ −20°C to 60°C

COLOR DESCRIPTION:
■ Color Code: Part # 1771 = 1-White, 2-Blue
   Part # 1772 = 2 Conductors Blue, 2 Conductors White
■ Jacket Colors: 1771 - Black, Red
   1772 - Black, Brown, Slate, Yellow

PRODUCT DESCRIPTION:
■ Conductor: Bare Copper
■ Insulation: Polyethylene
■ Shield: Tinned Copper Braid (95% Coverage)
■ Jacket: PVC

SPECIFICATIONS
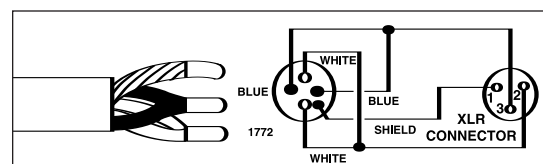■ RoHS Compliant

   RoHS
   Compliant

AVAILABILITY
▲ 1771 Black: 100 ft (30,5m), 1000 ft (305m) put-ups
▲▲ 1772 Brown, Slate: 100 ft (30,5m), 1000 ft (305m) put-ups

STAR QUAD

To obtain the full benefit of STAR QUAD noise rejection wire properly to the XLR connector (or terminal block); See diagram.

Full noise rejection depends upon proper pairing of the conductors. Connect both blue leads together and insert in the "low" pin of the XLR (3), insert white leads in the "high" pin (2); the shield goes to pin (1).

Designed for microphones but excellent for line-level signals (i.e. mixer to power amps). STAR QUAD configuration and high density braid shield reduce hum, buzz and noise to less than 10% that of conventional 2-conductor microphone cables.

Handling noise is reduced by the cotton filler while maintaining super flexibility by using large numbers of thin wire strands and a PVC jacket that remains pliant at extremely low temperatures. (Brittle point is -56 F.) Excellent frequency response preserved due to low capacitance Polyethylene insulation.