

QSEAL 2 & 4 CHANNEL CONNECTOR



Qseal 2 Channel Plug Connector
All Metal Version

PRODUCT DESCRIPTION

QPC's QSeal product family is a medium duty fiber optic connector system that includes 2 and 4 channel plugs and receptacles. These connectors have a simple push / pull coupling mechanism and are most commonly used in pro-audio and broadcast applications as part of the optical backbone and peripherals network. QSeals use industry standard 1.25mm ceramic ferrules, allowing singlemode and multimode operation. This provides an easy interface for LC connectors on the backside of the receptacles, enabling simple integration into SFP Module based systems.

QSeal Connectors are intermateable with Neutrik's opticalCON* DUO and QUAD connectors, both ADVANCED and LITE versions. The main differences between QPC's product and Neutrik's are outlined below.

FEATURES & BENEFITS

- All metal construction (connector shell and ferrule insert) are less prone to field damage and wear and tear than plastic alternatives
- Shutter Free Design is easy to clean and inspect
- Designed for field and shop installation, to allow customers and end users to build and maintain their own assemblies
- Environmentally sealed to IP67 (Dust Tight & Temporary Water Immersion to 1 Meter) versus IP65 for competing products (Dust Tight & Splash Proof)
- QSeal Plugs have a durable anodized aluminum shell with optional rubber boots available for the body and dust cover.
- Customization available upon request: custom insert arrangements, larger / smaller cable interface kits, alternate materials / finishes, and custom outside dimensions.

SPECIFICATIONS

Insertion Loss:	Singlemode (9µm):	< 0.5dB, typical
	Multimode (50µm & 62.5µm):	< 0.5dB, typical
Return Loss:	Singlemode:	≥ 55dB
Operating Temperature:		-40°C to +85°C
IP Rating:		IP67
Durability:		>5000 Cycles
Cable Retention:		500N



Qseal 4 Channel Plug Connector
Rubber Grip Version



Qseal Receptacle Connector
2 & 4 Channel with Rubber Seal

*opticalCon DUO and QUAD is a registered trademark of Neutrik