

**CN-CSM4XMF-xx**

Studio Grade Ultra Quiet and Ultra Durable Quad Mic Cable

3Pin XLR M to 3Pin XLR F

Lengths: 2, 3, 5, 6, 10, 15, 20, 25, 50



**Cable Construction:**

The CSM4 quad conductor cable is designed from the inside out to be the finest studio and stage grade cable available. Every component of the cable itself is carefully chosen with the end goal of creating a tough, flexible, and dead-quiet microphone cable. It's not an ordinary cable. Here's a closer look:

**Inner Conductors:**

There are four cores that are very tightly twisted with a very short lay length. Each core is constructed of 26 strands of .1 pure bare copper. These conductors are transparent, precise, and extremely flexible. The high twist rate of these four conductors around each other results in dramatically improved rejection of electromagnetic interference when compared to standard two-conductor mic cables. In some cases, the noise reduction could be up to 20db.

**Inner Conductor Insulators:**

The insulator that was chosen to separate the four inner conductor cores is cross linked polyethylene, or XLPE . This insulator is a thermosetting compound made from a polymer resin that has been irreversibly cured to form a special type of insulator that is less prone to shrinking when heated. We chose XLPE over the less expensive old-fashioned PVC because it has much lower dielectric loss and, despite its smaller diameter, is easier to solder without shrinkage. PVC certainly would have been cheaper. We weren't trying to build the world's cheapest cable, we set out to build the best. With careful attention to our selection of soldering equipment and the temperature and methods used to solder, the XLPE was the obvious choice for our quad conductor CSM4. We selected two blue and two white for the four insulators.

**Soft Cotton Stranded Filler:**

To create the soft, pleasing feel of the CSM4 cable, we chose a natural cotton filler to round out the interior of the cable. It feels right, coils the way you want it to, and is pleasant to handle. Surrounding the four inner conductors and cotton fibers is a tissue wrap that enables the cable to coil easily and be exceptionally manageable.

**Braided Copper Shield:**

The full braided outer shield is constructed of a sophisticated matrix of tinned copper. Sixteen individual sections of 8\*.1 strands are carefully braided to form an effective barrier against RF and EMI noise. It's soft, flexible, and effective in shielding from just about anything that might try to enter. With the combination of this quality braided shield plus the effectiveness of the quad spiral internal conductors, the CSM4 is the perfect cable for today's active and noisy stages and studios. The sounds and signals you want to stay inside are contained, and the noise and interference that you want to keep out is reflected away from your precious audio.

**Outer Jacket:**

The outer jacket of the CSM4 cable is opaque black Non-Metallic PVC with an outside diameter of 6.0 mm. PVC is the perfect material for this application because it holds its shape well and has great abrasion resistance. It's easy to clean and comfortable to coil.

**Connectors:**

CSM4 cables are hand terminated on our Custom Shop with Genuine Neutrik XX series connectors. Our standard is the black connectors with silver contacts. The XX series is the next generation of the worldwide accepted standard of XLR cable connectors. The successor of the X series offers several new features which make it more reliable, easier to assemble and improves contact integrity as well cable strain relief.

**Features & Benefits:**

- Male connector with improved locking recess without "window", more stringent housing increases durability
- Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- Boot with polyurethane gland gives high protection to cable bending stresses
- Colored rings and boots available for coding or identification
- Sleek and ergonomic design - valuable and handy
- Rugged zinc die cast shell, long lasting and dependable
- Internal thread on shell is well protected against any damage
- Branded with unique hologram - guarantees genuine and authentic Neutrik product