

DT12 37-Pin Circular Audio Connector

Heavy Duty 37-Pin Connector



- Hard Anodized Aluminum Backshell
- Stainless Steel Housing (Male)
- Locking Set-Screws and Castellations
- Gold Plated Contacts (3 micron)
- Scalloped, Rotation-Proof Insulator
- Weather Tight Seals

Part Number: **DT12 Series**
Description: Heavy Duty 37-pin Twelve-Channel Audio Connector

Specifications

Connector Type	12 Channel DT12 Circular Audio Connector
Number of Contacts	37
Contact Specifications	Gold Plated (3 micron), Machined Copper, mil-g45204
Max. Wire Size	16AWG
Shell	Stainless Steel (Male), Hard Anodized Aluminum (Female)
Back Shell	Hard Anodized Aluminum
Insulator	Neoprene
Current Rating	13A (Rated), 22A (Max.)
Voltage Rating	700v DC, 500v AC
Test Voltage	2000v AC RMS

Part Numbers

Part Number	Type	Cable O.D. Range	Suggested Clark Cable
DT12-F-CM	Cable Mount FEMALE - Standard Cable OD	.500" - .620"	412
DT12-F-CML	Cable Mount FEMALE - Large Cable OD	.620" - 750"	712
DT12-M-CM	Cable Mount MALE - Standard Cable OD	.500" - .620"	412
DT12-M-CML	Cable Mount MALE - Large Cable OD	.620" - 750"	712
DT12-SR-620	Wire Mesh Strain Relief - Standard Cable OD	.500" - .620"	412
DT12-SR-750	Wire Mesh Strain Relief - Large Cable OD	.620" - 750"	712
DT12-F-PM	Panel Mount FEMALE	n/a	n/a
DT12-M-PM	Panel Mount MALE	n/a	n/a
DT12-F-CAP	Dust Cap FEMALE	n/a	n/a
DT12-M-CAP	Dust Cap MALE	n/a	n/a

FRONT VIEW
(male)



REAR VIEW



Clark's new DT12 connectors are designed to be exceptionally rugged and weather resistant for both indoor and outdoor broadcast environments. The new Clark DT12 connectors feature all-metal aluminum back shells that are virtually crush and corrosion proof and the male gender connector has a stainless steel mating thread coupling that is dent resistant. The electrical contacts are made from gold plated, screw-machined copper and are captivated in a scalloped neoprene insulator that is crack and rotation resistant. To prevent accidental back shell loosening, the back shells have reverse threads with set-screws. For additional strain relief the back nut can also accommodate wire-mesh cord grips.

