
TAC4 (109 Series) SMPTE 358M Compliant Hermaphroditic Connector



Key Features

- Multimode & Singlemode Options
- Utilises M29504/14 & 15 Termini
- 2 & 4 channel Options
- Hermaphroditic Design
- Low insertion loss

These rugged connectors are designed to be the industry's most economical connector providing easy maintenance and superior optical performance. The 109 Series hermaphroditic connectors offers the ultimate in flexibility. 109 Series plugs can function as either a plug or a receptacle to fit any system design. With these connectors, cable assemblies can be daisy-chained to provide the required distance for any deployment condition.

The 109 Series connector line meets or exceeds the pertinent requirements of Society of Motion Picture and Television Engineers (SMPTE) standard 358M on harsh environment multi channel fibre optic connectors suitable for deployment in demanding outdoor broadcast applications, including high definition television (HDTV) signal transmission.

An example of some applications / markets

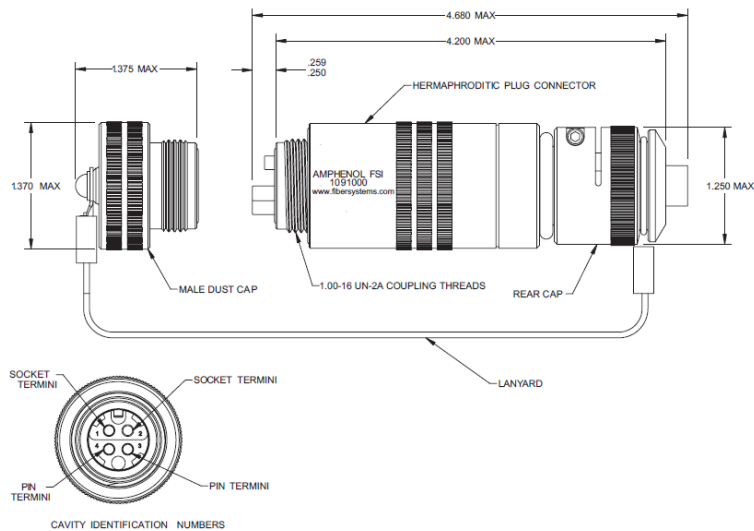
- Deployable Broadcast Networks, including HDTV
 - Outdoor Fibre Optic Interconnect
 - Security and Surveillance
 - Military Tactical Deployment systems
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Specification

Insertion Loss	Typical 0.3dB Multimode, 0.4dB Singlemode
Fibre Types	9/125, 50/125 & 62.5/125
Mating Durability	>500 cycles
Operating Temperature	-46°C to +71°C
Cable Seal Flexing	200 cycles at 180o flex per EIA/TIA-455-1
Impact	EIA/TIA-455-2
Crush Resistance	450 lb minimum per EIA/TIA-455-26

109 Series 4-Channel Hermaphroditic Plug



4-Channel Hermaphroditic Receptacle

