

NEW
3GHz

0A SERIES PUSH-PULL CONNECTOR



3GHz – Exceed HDTV

This connector series is widely used for the distribution of video and synchronization of analog or digital signals, in television control rooms as well as in studios. The 0A series offers operating frequency above 3 GHz. Thank to their LEMO self latching system and small dimensions they enable intensive use.

The 0A series are designed for transmission ranges from analogue video (PAL/SECAM) to digital video frequencies (HDTV). These connector offer a solution allowing SMPTE 424M transfert for bit rates of 2.970 Gbits/s over a single link coaxial cable. The data transferred is sufficient for 1080p video at 50 or 60 frames per second. Signal integrity is maintained at 75 Ohms.



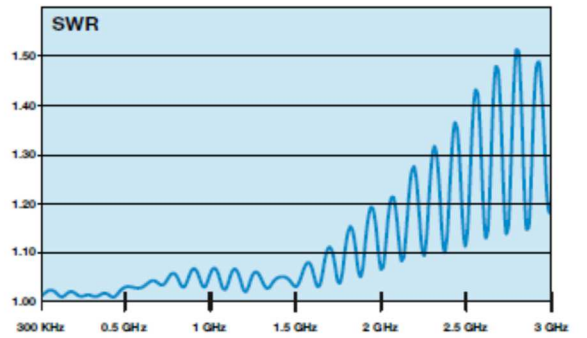
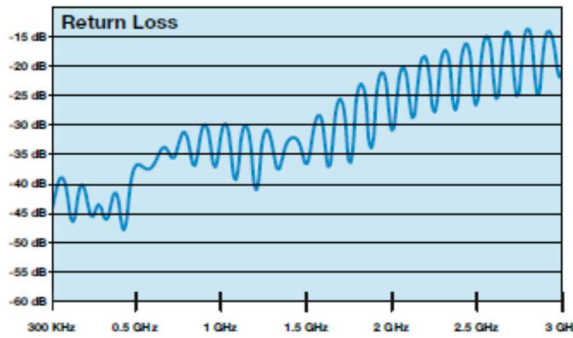
Electrical characteristics

Characteristics	Values
Impedance	75 Ω
Central contact resistance	< 6 m Ω
Insulation	> 10 ¹² M Ω

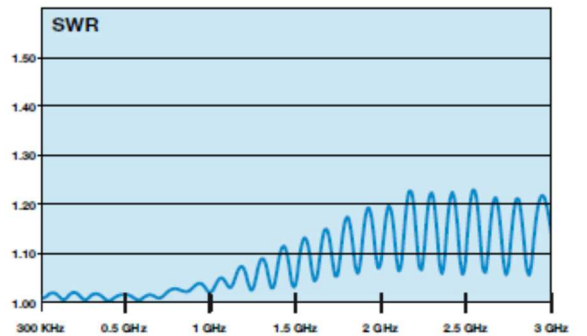
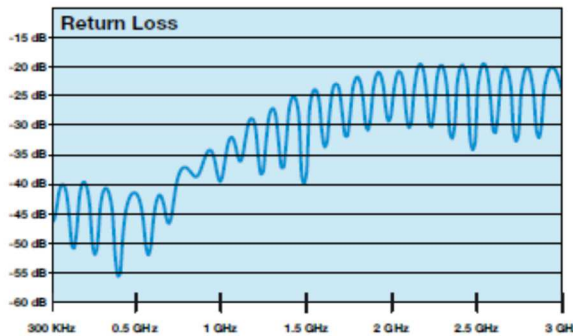
Characteristics	Values
Test voltage	2.1 kV rms
Rated current	2A
SWR (FFS & PCS model)	1.03 + 0.05 f (GHz)



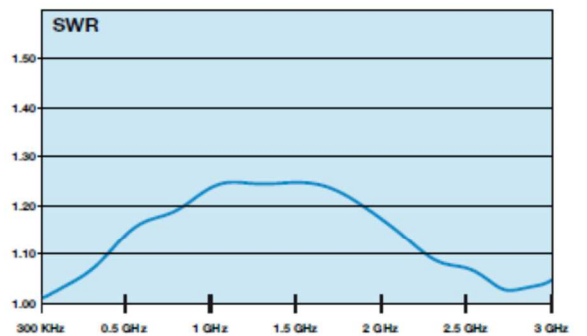
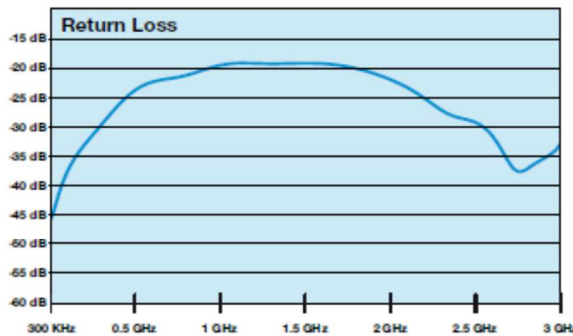
FFA.0A.275.NTAC47Y + ABG.0A.275.NTMC + BNC Huber & Suhner Standard + cable Draka 0.6/2.8 AF



FFA.0A.275.NTAC47Y + ABG.0A.275.NTMC + BNC Huber & Suhner HDTV + cable Draka 0.6/2.8 AF



CFF.0A.275.PTCHP + ABG.0A.275.NTMC + BNC Huber & Suhner HDTV + cable Draka 0.6/2.8 AF



Note: Recommended cable: SMPTE 292 Draka 75 Ω 0.6/2.8 AF
HDTV 5GHz Draka 75 Ω 0.8/3.7 AF
Recommended BNC connector: HDTV BNC

Patch panel solution and cable assembly available