Data Sheet

For part # FF-SMA1000

Old Part# LS-SMA1000
New Part# FF-SMA1000

Tensile force, Connector to cable Crimp on jacket only	**FF-SMA1000**	**Min. 78N**	**Avg. 82 N**	**Max. 89N**	***1**	***3**
Tensile force, Connector to cable Swage only	**FF-SMA1000**	**Min. 10N**	**Avg. 22 N**	**Max. 36N**	***1**	***3**
Tensile force, Connector to cable Crimp and swage	**FF-SMA1000**	**Min. 80N**	**Avg. 91 N**	**Max. 100N**	***1**	***3**
Tensile force, Connector to cable Crimp and glue	**FF-SMA1000**	**Min. 85N**	**Avg. 93 N**	**Max. 105N**	***1**	***4**
Tensile force, Connector to adapter	**FF-SMA1000**	**N/A (Nut)**	**N/A (nut)**	**N/A (nut)**	***1**	***3**
Insertion loss Db loss,	**FF-SMA1000**	**Min.8 db**	**Avg. 1.5 db**	**Max. 2.4 db**	***1**	***2**

Tested using POF Cable type GHCP-4001, the tool used is the FiberFin part # FF-HTCSWG-SMA

Notes:

***1 typical data at 25deg C**
***2 FiberFin ® factor polish or a very fine 3um field polish**
***3 Light-Seal ® swage process is a patented process to hold the fiber to the connector**
***4 Light-Seal ® connector with a 24 Hour cure of 2 part epoxy part# FF-GMEPXY-1656 (Epoxy)**

Tested wave lenght	650nm
Tested Fiber Medium	1mm diameter PMMA .5 na fiber
Tested Cable Jacket material	PE
Operating Temperature	-25C to +80C
Storage	-40C to +85C
Sealing level	IP20 (mated)
Durability	500 mating cycles
Typical Insertion loss (avg.)	1.5 dB