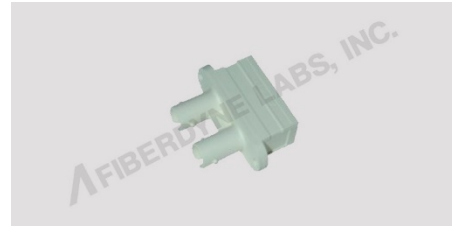


Introduction:

Hybrid Adapters provide an interconnect between two different fiber-optic connector types. Basically, these adapters are very short cable assemblies, however the resulting device integrates all of the components. Hybrid adapters are typically male-to-female, although female-to-female adapters are possible by adding a mating sleeve.



SC-LC Hybrid Adapter



ST-SC Hybrid Adapter



ST-SC Single-mode Hybrid Adapter



FC-SC Female Hybrid Adapter

(Note: mating sleeves are “female-to-female” interfaces, which interconnect two male connectors; mating sleeves are *fiber-less*.)

Specifications:

Description	Units	Value
Wavelength* (typical usage)	nm	850/1300 (multimode) 1310/1550 (single-mode)
Insertion Loss (I _t)	dB	< 0.5 (<0.3 typical)
Return Loss (single-mode)	dB	>50 (UPC, >55 typical) >60 (APC, >65 typical)
Connector styles		SC, ST, FC, LC, SMA
Temperature, Operating	°C	-40 to +75
Temperature, Storage	°C	-40 to +85

* Note: optical performance is the same as the fiber used (e.g. conventional multimode, Corning Infinicor SX+, or SMF-28e).

Singlemode Simplex Female/Female Hybrid Adapters

Part Number	Connector Type
FL-STFSCF-SM	Female ST to Female SC
FL-FCFSCF-SM	Female FC to Female SC
FL-SCFLCF-ZB	Female SC to Female LC

Multimode Simplex Female/Female Hybrid Adapters

Part Number	Connector Type
FL-STFSCF-MM	Female ST to Female SC
FL-FCFSCF-MM	Female FC to Female SC

Multimode Duplex Female/Female Hybrid Adapters

Part Number	Connector Type
FL-STFSCFD-MM	Female ST to Female SC
FL-STFESF-MM	Female ST to Female Escon

Singlemode Duplex Female/Female Hybrid Adapters

Part Number	Connector Type
FL-STFSCFD-SM	Female ST to Female SC