

# MC1213 ADAPTER 624/625 - IP65

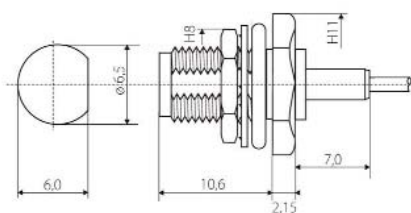
**Adapter 624: U.FL-088F-MALE - 10CM - SMA installation (female)**  
**Adapter 625: U.FL-088F-MALE - 20CM - SMA installation (female)**



## Specification:

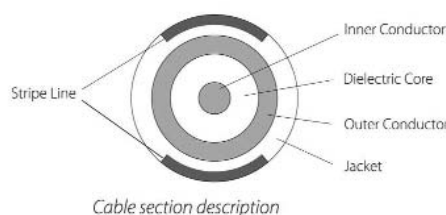
Frequency	0 - 3 GHz
VSWR	1.25 max at 1.0 GHz / 1.4 max at 2.5 GHz
Nominal Impedance	50 $\Omega$
Temperature range	-40°C to +90°C
Voltage	250 Vrms
Insulation Resistance	500 M $\Omega$ min.
Insertion Loss*	0.8 dB max. at 1.0 GHz/0.8 dB max. at 2.5 GHz

\*length of measured samples is 10cm



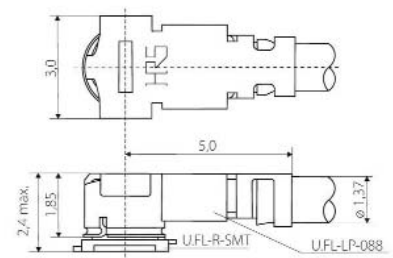
## SMA connector

Body:	Brass, Gold plated
Contact:	PH Bronze, Gold plated
Lock Washer:	Brass, Gold plated
Nut:	Brass, Gold plated
Insulator:	Teflon
Ferrule:	Brass, Gold plated
Gasket:	Silicone Rubber



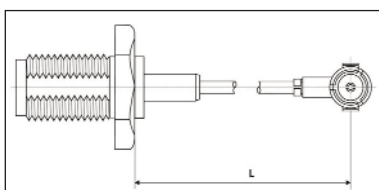
## Cable 088

Insulation:	PFA
Conductor construct:	ultra fine Teflon (o. D.: 1.37mm), single shield
Min. bending radius:	16mm (min. radius for exceptional bending)



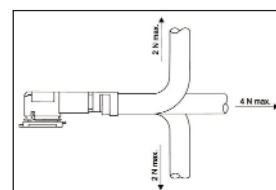
## U.FL Connector

Shell:	PH Bronze, silver plated
Center contact:	PH Bronze, gold plated
Insulator-plug:	FEP
Mating cycles:	30 cyles



## Dimensions:

**L=100 mm**  
 SMA (f) to U.FL-LP-088, 100±3mm  
**L=200 mm**  
 SMA (f) to U.FL-LP-088, 200±3mm



## Mechanical stress

Limitation stress to the connector (housing): 4.9N  
 Limitation stress to the outer sleeve, see picture.