

The SMB series consists of connectors with snap-on coupling. The connectors have an outer conductor diameter of approx. 3 mm and are especially suitable for the flexible cable types RG-174/U, RG-188/U, RG-196/U and RG-316/U. The connectors are manufactured according to MIL-C-39012. They are manufactured from bronze or brass, the spring parts are made from heat treated beryllium copper. All contacts are gold plated. Insulation material is PTFE.

Note: This series is constructed in such a way that the socket member has a male inner conductor and the plug member has a female inner conductor.

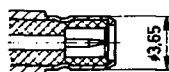
Technical data:

Temperature range – 65 to + 165° C

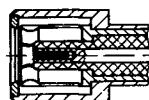
Frequency range up to 4 GHz

frequency	reflection factor	
	cable connector	adaptors etc.
up to 1 GHz	r 0,13 max.	r 0,07 max.
up to 4 GHz	r 0,19 max.	r 0,07 max.

Mating face



socket (male)

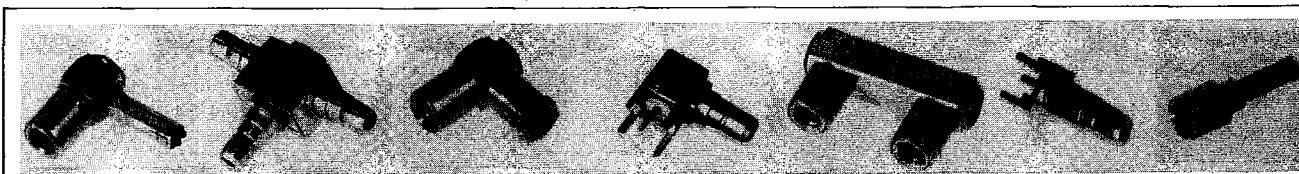


plug (female)

cable type	cable outer Ø approx. mm	clamping cable outer conductor	straight cable plug			right angle cable plug			straight and fixed cable socket		
			BN 83 35 10			BN 83 32 12			BN 75 10 12		
RG - 188/U RG-316/U	2,8	crimped	BN 83 35 10	BN 83 32 12	BN 75 10 12	BN 83 35 11	BN 83 32 11	BN 75 10 11	BN 83 35 21	BN 83 32 21	BN 75 10 21
		screwed	BN 83 35 21	BN 83 32 21	BN 75 10 21	BN 83 35 22	BN 83 32 22	BN 75 10 22	BN 83 35 10	BN 83 32 12	BN 75 10 12
RG - 196/U	2	crimped	BN 83 35 10	BN 83 32 12	BN 75 10 12	BN 83 35 21	BN 83 32 21	BN 75 10 21	BN 83 35 32	BN 83 32 32	BN 75 10 32
		screwed	BN 83 35 32	BN 83 32 32	BN 75 10 32	BN 83 35 41	BN 83 32 41	BN 75 10 41	BN 83 35 46	BN 83 32 46	BN 75 10 46
RG - 174/U	2,5	crimped	BN 83 35 10	BN 83 32 12	BN 75 10 12	BN 83 35 21	BN 83 32 21	BN 75 10 21	BN 83 35 32	BN 83 32 32	BN 75 10 32
0,9/3,0 (0,141" dia.)*	3,6	soldered	BN 83 35 41	BN 83 32 41	BN 75 10 41	BN 83 35 46	BN 83 32 46	BN 75 10 46	BN 83 35 10	BN 83 32 12	BN 75 10 12
0,5/1,7 (0,085" dia.)*	2,2	soldered	BN 83 35 46	BN 83 32 46	BN 75 10 46	BN 83 35 11	BN 83 32 11	BN 75 10 11	BN 83 35 22	BN 83 32 22	BN 75 10 22

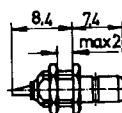
* semi rigid copper tubular cable

crimping tools page 77



fixed socket

for single hole panel mounting



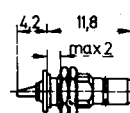
front mounting

M 156

BN 83 33 06

fixed socket

for single hole panel mounting



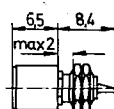
rear mounting

M 156

BN 83 33 00

fixed plug

for single hole panel mounting

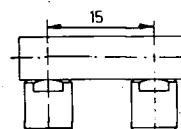


front mounting

M 156

BN 83 33 25

U-link (plug)



other lengths on request

length	part no.
15 mm	BN 83 33 60