



DATA SHEET

Additional Gel closure sealing system

Kabelwerk **EUPEN** AG

Rev.: 01/2005-12-14

cable

Eucaseal

The EUCASEAL is an additional and optional gel closure sealing system that provides a reliable sealing of coaxial connectors used at the transition between jumper and antenna or jumper and feeder cables on GSM antennas, exposed to the outside environment. The housing contains an innovative gel material and provides an efficient moisture block. The ease of installation and the long-term protection makes it a reliable and cost effective solution.

EUCASEAL suited for the sealing of:

- **jumper and antennas or the electric devices like TMA'S ...**
- **jumper and feeder cables exposed to the outside environment**

Benefits and Features:

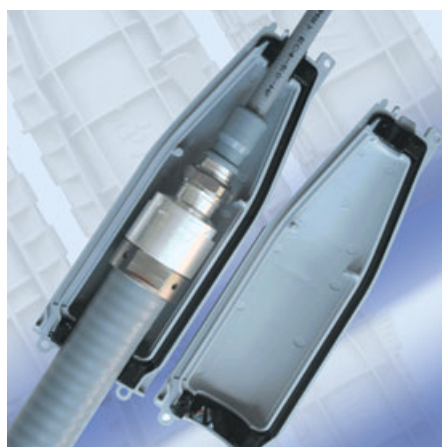
- Easy and fast installation (only few seconds)
- Easily removable and re-usable
- Gel material provides an effective barrier against ingress of water and other contaminants - IP 68 acc. EN 60529
- Available in black and grey UV resistant
- Wraparound and no disconnection of the connector

Technical Features:

- Tested under extremely severe conditions, vibrations (acc. IEC 60068-2-6 Test Fc) and temperature cycles (acc. IEC 60068-2-14 Test Nb)
- Protection against excessive bending of the cable
- No tape, no mastics or tools required for installation and removal



ES-12-BOX



ES-12-114



ES-12-78

EUCASEAL

Application	1/2 jumper to antenna or box	1/2 jumper to 7/8 feeder	1/2 jumper to 1 1/4 feeder	1/2 jumper to 1 5/8 feeder
Reference	ES-12-BOX	ES-12-78	ES-12-114	ES-12-158
Cable type	1/2" & 1/2" Hiflex	1/2" & 1/2" Hiflex to 7/8" or 7/8" Hiflex	1/2" & 1/2" Hiflex to 1 1/4" or 1 1/4" Hiflex	1/2" & 1/2" Hiflex to 1 5/8"
Connector type	only DIN 7/16 - max. length 60 mm - max. body diameter. 27 mm - nominal distance between panel connectors 45 mm	N or 7/16	N or 7/16	N or 7/16



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2/2

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SPECIFICATIONS

REF.			ES-12-BOX	ES-12-78	ES-12-114	ES-12-158
• Diam Jumper	min.	[mm]			13	
	max.	[mm]			17	
• Diam Feeder	min.	[mm]	-	27	38	49,5
	max.	[mm]	-	29	40	52
• Maxi length of the body/junction		[mm]	45	147	187	208
• Maxi diameter of the body/junction		[mm]	27	41	56	68
• Maximum dimension of the kit		[mm]	51 x 88	200 x 92	245 x 96	260 x 110
• Watertightness			IP 68 (1h,1m)			
• Temperature range	Installation	[°C]	-30 to +60			
	Working	[°C]	-55 to +85			
	Stockage	[°C]	-70 to +85			
• Vibration and temperature test following			IEC 60068-2-6 Test Fc			
			IEC 60068-2-14 Test Nb			