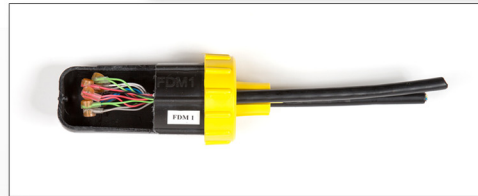




TECHNICAL DATASHEET



FDM 1,2,3



DESCRIPTION

The FDM is a mechanical dome cable closure developed by FRIEDL to beat the old-fashioned heat shrink systems at the point of technology and at the point of economy. The cable entry caps are made of soft EPDM rubber and are conically shaped, so they fit a wide range of cable diameters. The FDM is successful and preferred by the existing clients like Austrian Telecom, Swisscom, repeatedly used by 3M and many other clients, because the heat shrink (HS) systems are extremely sensitive to environmental conditions during installation, they have high failure rates and difficult to re-open not speaking about the inability of reusing.

BENEFITS

- Fits all types of cables up to 1000V - telecom (plastic or lead coated) and all types of power cables
- Reduces training and installation costs - very craft friendly, no special skills or tools needed, no energy (i.e. gas, flame, electricity) needed quick and easy installation
- Decreases installation time - no cool off delay
- Reduce maintenance costs - easy reopenable, reentrancable, reusable!!!
- Maximizes reliability - high mechanical strength, strain relief, corrosion resistant, soil resistant
- Reduces failure rates - absolute watertight IP68
- Reduces inventory - one closure for multiple needs, easy to run
- Reduce planning costs - for directly buried, manholes, aerial outside plant, accommodates between 2 -4 respectively up to 8 for FDM3 entries, for in-line and branch-off installations

APPLICATIONS

- All possible connections of each particular business household and customer
- To build up, expand and maintain existing and new networks
- (information/data/telecom cables, electric wirings up to 1000 volt, signalisation cameras, street lighting/traffic lights, emergency stations, etc.)

**ABSOLUTE SEAL (IP 68) - REOPENABLE - UV-RESISTENT
EASY - FAST - RELIABLE – AFFORDABLE**



TECHNICAL DATASHEET

FDM 1,2,3

FRIEDL CAN CLOSURE

For Telecom and Electric-Powercable to 1 kV

TECHNICAL DATA

	FDM1	FDM2	FDM3
Size	170 x 72mm	280 x 100mm	330 x 170mm
Cable Diameter	4 x (5-14mm)Ø	4 x (7-25mm)Ø	1 x (10-42mm)Ø 1 x (10-33mm)Ø 6 x (8-26mm)Ø
Items per box	10	6	1

**ABSOLUTE SEAL (IP 68) - REOPENABLE - UV-RESISTENT
EASY - FAST - RELIABLE – AFFORDABLE**

MATERIAL DESCRIPTION

	FDM1	FDM2	FDM3
Material	Polypropylen (PP4410)		
Shore D	70 DIN 53505		
Seal, rubber cone	Thermoplastic-Elastomer		
Temp. resistant	-30° / +65° C		
Tension strength	55N	130N	200N
Impact Steelball	2m, 2kg, no leak	1m, 2kg, no leak	-
Protect Standard	IP 68		
Electric/power cables	up to 1000V		
Certificate	ÖVE Nr. 13201-003-02		
Examination	VA EE 36221 Techn. Institute, EU-Number EU-50.393:06		



Approved by the Austrian Electrotechnology Institute OEVE/VDE (IM 22, IP 68) Used by the Austrian Telecom and many countries. EU-Norm IEC 60670-22.