

KEL-DPF-OD | Pyramid cable entry grommets for extreme conditions

for single cables with diam. up to 60 mm, M25-M75 / IP66/IP68 / UL Type 4X



The KEL-DPF-OD is ideally suited for applications in which cable entries are permanently exposed to strong UV radiation, weathering and temperature fluctuations. Compared to standard versions, it offers increased material resistance and extended service life in outdoor environments. Thanks to its approvals, it is particularly suitable for the use in photovoltaic systems (UL 6703, UL 6703A, UL 3703, UL 1703).

F1 listing (UV and weather resistance according to UL 746C): The long-term durability means an increased service life without embrittlement or material fatigue.

The KEL-DPF-OD was developed particularly for routing large or unknown sizes of unterminated cables into control panels, containers or machinery (max. cable diameter 60 mm). Due to the flexibility and unique pyramid shape, cable entry and flexible positioning is much easier compared to using conventional cable glands. Also perfect for bundling or restraining large cables.

It is recommended that additional strain relief be provided for cables using cable ties.

Cutting of DPF-OD grommets: Cable diameter less 20%. The corresponding diameters are marked on the grommet.

IP54

IP68

IP55

UL TYPE 4X

Made in Germany

IP64

IP65

IP66

UL 746C

IP67

RoHS compliant

Specifications

IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66, IP67, IP68
UL Type (UL 50E)	UL Type 4X* Outdoor
Material	Elastomer (UV resistance F1) Base frame: Polyamide
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 120 C°
Properties	UV-resistant, silicone free
Mounting options	Fasten with locknut

Advantages & benefits

- Reliable protection in extreme climatic environments
- F1 listing (UV and weather resistance according to UL 746C)
- Quick installation and secure fit thanks to screw connection with a locknut
- Very large variable sealing range (3 - 60 mm)
- Angled insertion of inflexible cables is possible
- Certified protection IP66/IP68 (in accordance with EN 60529)
- Suitable for metric cut-outs M25 - M75
- The locknut is included in the shipment

Product types & sizes

KEL-DPF 25|3-12 OD

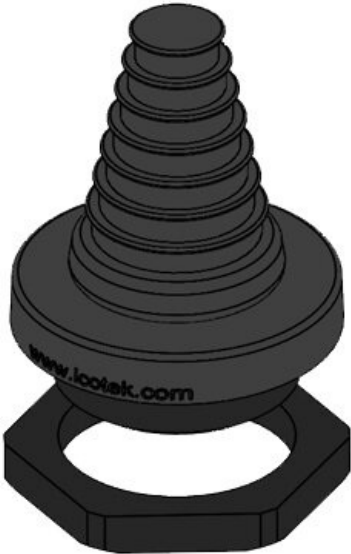
Part No.	62652	Mounting	43,9 mm
EAN	4251269338	height	
	564	External	39 mm
Package	5	diameter	
quantity		Cut-out size,	25,3 mm
For max. no. of	1	round	
cables		Cut-out size,	M25
Max. cable	12 mm	metric	
diameter		Thread	M25 × 1,5
Colour	anthracite	Thread length	11 mm
	grey (similar	Clamping	3 - 12 mm
	to RAL 7016)	range	
Height	54,9 mm	Clamping	1 x 3 - 12
		range	mm



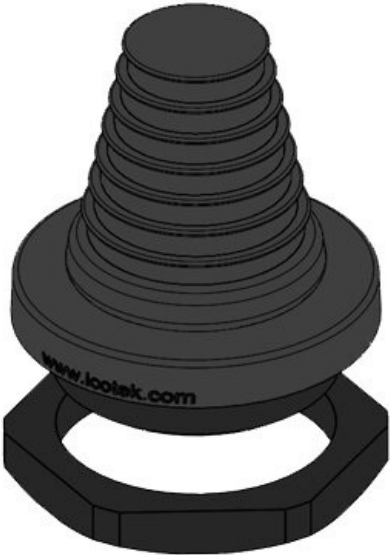
KEL-DPF 32|6-18 OD

Part No.	62653	Mounting	49,4 mm
EAN	4251269338	height	
	571	External	46 mm
Package	5	diameter	
quantity		Cut-out size,	32,3 mm
For max. no. of	1	round	
cables		Cut-out size,	M32
Max. cable	18 mm	metric	
diameter		Thread	M32 × 1,5
Colour	anthracite	Thread length	11 mm
	grey (similar	Clamping	6 - 18 mm
	to RAL 7016)	range	
Height	60,4 mm	Clamping	1 x 6 - 18
		range	mm





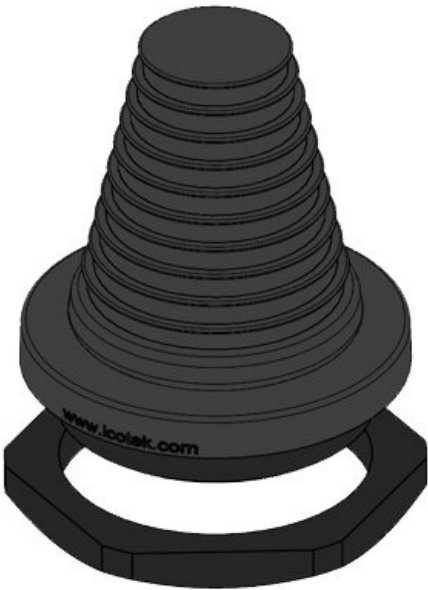
Part No.	62654	Mounting	54,9 mm
EAN	4251269338	height	
	588	External	54 mm
Package	5	diameter	
quantity		Cut-out size,	40,4 mm
For max. no. of	1	round	
cables		Cut-out size,	M40
Max. cable	27 mm	metric	
diameter		Thread	M40 × 1,5
Colour	anthracite	Thread length	11 mm
	grey (similar	Clamping	12 - 27 mm
	to RAL 7016)	range	
Height	65,9 mm	Clamping	1 x 12 - 27
		range	mm



Part No.	62655	Mounting	54,9 mm
EAN	4251269338	height	
	595	External	64 mm
Package	5	diameter	
quantity		Cut-out size,	50,4 mm
For max. no. of	1	round	
cables		Cut-out size,	M50
Max. cable	36 mm	metric	
diameter		Thread	M50 × 1,5
Colour	anthracite	Thread length	11 mm
	grey (similar	Clamping	22 - 36 mm
	to RAL 7016)	range	
Height	65,9 mm	Clamping	1 x 22 - 36
		range	mm

KEL-DPF 63|27-50 OD

Part No.	62656	Mounting	71,4 mm
EAN	4251269338	height	
	601	External	77 mm
Package	5	diameter	
quantity		Cut-out size,	63,4 mm
For max. no. of	1	round	
cables		Cut-out size,	M63
Max. cable	50 mm	metric	
diameter		Thread	M63 × 1,5
Colour	anthracite	Thread length	11 mm
	grey (similar	Clamping	27 - 50 mm
	to RAL 7016)	range	
Height	82,4 mm	Clamping	1 x 27 - 50
		range	mm



KEL-DPF 75|39-60 OD

Part No.	62657	External	89 mm
EAN	4251269338	diameter	
	618	Cut-out size,	75,5 mm
Package	1	round	
quantity		Cut-out size,	M75
Max. cable	60 mm	metric	
diameter		Thread	M75 × 1,5
Colour	anthracite	Thread length	11 mm
	grey (similar	Clamping	39 - 60 mm
	to RAL 7016)	range	
Height	82,4 mm	Clamping	1 x 39 - 60
Mounting	71,4 mm	range	mm
height			

