

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

IP55

IP64

IP65

IP66

IP67

IP68

UL TYPE
4X

UL
C US

EN 61373

UL
746C

RoHS
compliant

REACH
COMPLIANCE

Made in
Germany

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

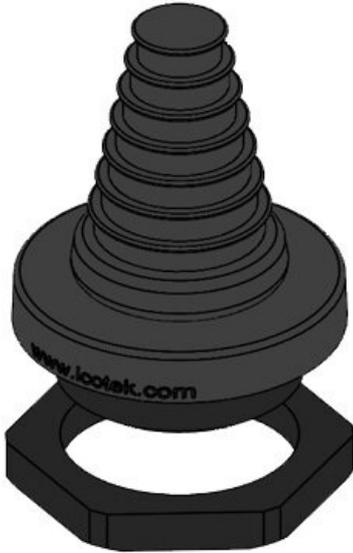
KEL-DPF 25|3-12 OD

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

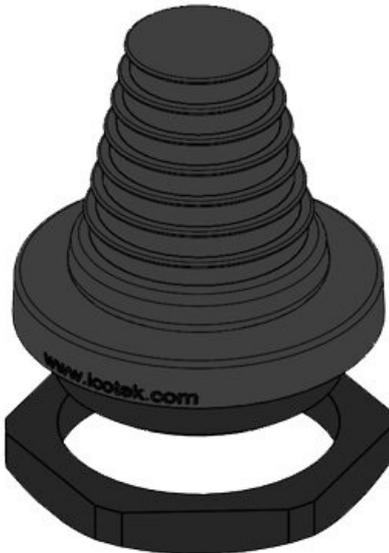
**KEL-DPF 32|6-18 OD**

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





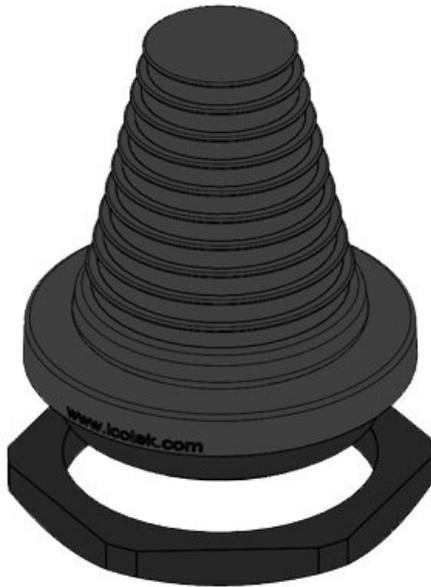
Part No.	62654	Mounting height	54,9 mm
EAN	4251269338	External diameter	54 mm
Package quantity	5	Cut-out size, round	40,4 mm
For max. no. of cables	1	Cut-out size, metric	M40
Max. cable diameter	27 mm	Thread	M40 x 1,5
Colour	anthracite grey (similar to RAL 7016)	Thread length	11 mm
		Clamping range	12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



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

KEL-DPF 63|27-50 OD

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

**KEL-DPF 75|39-60 OD**

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

