

Ordering information

Polaris-box 4 assortment

Description








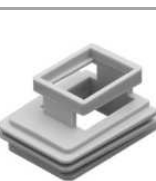
Polaris-box 4 is the name of the new box generation from R&M for FO termination both indoors and outdoors. It extends the R&M FTTH solutions in the single and multi-dwelling unit segment. The Polaris-box 4 sees itself as a talented all-rounder. It can be used in all kinds of premises from a single dwelling unit, such as a family home, to building complexes. It's usable from the building entry point through risers and floor distributors to the optical termination outlet. The fiber management element supports patch, slice and splitter configurations as well as individual assembly. All typical FTTH topologies are feasible. In the standard basic version, the Polaris-box 4 has space for twelve splice connections and 4 or 8 (LC-D) patch connections. The equipment can be extended with an additional fiber inlay. When the box is fully assembled, the platform terminates 24 splice and 8 fiber connections. The box is retrofittable in all ways. With the integrated housing seal, the Polaris-box 4 fulfills the requirements of protection class IP65.

Product code	Splice capacity ⁽¹⁾	Connection capacity	Cable entries	Ø Cable	Ordering Number
Polaris-box 4	12 (Standard)	2/4 x LC-D, SC, E-2000	Below = 2	Main cable 1x Ø 3-13mm	R859106
Polaris-box 4 with lock	With additional fiber inlay up to max. 24 splice connections		Side = 2 Knock-out able cable entries	Drop cable 12x Ø 2-3mm	R859107

Polaris-box 4



Overview IP protection grommets

Polaris Cable sealing elements description	Pictures	IP below	IP top	IP side	amount cables Ø 2-3mm	amount cables Ø 3-9mm	amount cables Ø 9-13mm
Cable entry IP65 (housing) Modular Sealing element 1 x Ø 3mm-9mm 1 x Ø 9mm-13mm		IP65	IP65	IP65	- -	1 -	- 1
Cable entry IP65 (housing) Modular Sealing element 3-layers 12 x Ø 2mm-3mm		IP65	IP65	IP65	12	-	-
Cable entry IP54 Basic Sealing element 1-layer (step solution) 1 x Ø 3mm-13mm		IP54	IP54	IP54	-	1	1
Cable entry IP54 Basic Sealing element 3-layers 12 x Ø 2mm-2.8mm		IP54	IP54	IP54	12	-	-
Cable entry IP54 Basic Sealing element 1-layer 8 x Ø 5mm		IP54	IP54	IP54	-	8	-
Cable entry IP54 Basic Sealing element 2-layers 3 x Ø 7mm 4 x Ø 2mm-2.7mm		IP54	IP54	IP54	- 4	3 -	- -
Collocation insert Basic Sealing element 1-layer U-shape with cover		IP20	IP20	IP55	2/3mm 60/30	5mm 12	10mm 2
Adapter entry No sealing 1-layer Usable for 2 x SC, LC-D, E-2000 adapters		IP20	IP20	IP20	-	-	-

Important: The Polaris-box 4 housing can reach a max. housing protection up to IP65 if the right sealing element will be used.





The basic Polaris-box 4 will be always delivered with closed knock-out able cable entries.

The desired cable entry can be broken out and optionally assembled with the needed cable sealing elements from the list. The IP protection falls down to the protection class according to the listed overview from above.

Cable sealing elements

	Description	R&M No.
	Polaris cable entry IP65 Ø 3mm - 9mm Cable sealing element for mounting into the knock-out able cable entries on the Polaris-box 6 housing PU: 1 pcs. 1 x Housing two body piece 1 x Sealing element Ø 3mm - 9mm	R820283
	Polaris cable entry IP65 Ø 9mm - 13mm Cable sealing element for mounting into the knock-out able cable entries on the Polaris-box 6 housing PU: 1 pcs. 1 x Housing two body piece 1 x Sealing element Ø 9mm - 13mm	R820284
	Polaris cable entry IP65 12 x Ø 2mm - 3mm Cable sealing element for mounting into the knock-out able cable entries on the Polaris-box 6 housing PU: 1 pcs. 1 x Housing two body piece 3 x Sealing elements for 4 x Ø 2mm - 3mm 3 x Strain relive 3-layers for 4 x Ø 2mm - 3mm	R820286
	Polaris cable entry IP65 Ø 3mm - 13mm Cable sealing element for mounting into the knock-out able cable entries on the Polaris-box 6 housing PU: 1 pcs. 1 x Sealing element with step solution Ø 3mm - 13mm	R820285
	Polaris cable entry IP54 12 x Ø 2mm - 2.7mm Cable sealing element for mounting into the knock-out able cable entries on the Polaris-box 6 housing PU: 1 pcs. 3 x Sealing elements for 4 x Ø 2mm - 2.7mm	R820287
	Polaris cable entry IP54 8 x Ø 5mm Cable sealing element for mounting into the knock-out able cable entries on the Polaris-box 6 housing PU: 1 pcs. 1 x Sealing element for 8 x Ø 5mm	R820288
	Polaris cable entry IP54 4 x Ø 2mm - 2.7mm, 3 x Ø 7mm Cable sealing element for mounting into the knock-out able cable entries on the Polaris-box 6 housing PU: 16 pcs. 1 x Sealing element for 4 x Ø 2mm - 2.7mm 1 x Sealing element for 3 x Ø 7mm	R820289

Cable entry option

	Description	R&M No.
	Polaris collocation insert IP55 Collocation bridge for mounting into the knock-out able side cable entries to connect two boxes each other PU: 1 pcs. 1 x U-shape frame with integrated cover	R820290
	Polaris adapter entry for SC/LC/E-2000 Adapter insert for mounting into the knock-out able cable entries. Mounting of 2 x flange less adapter LC-D, SC or E-2000 PU: 1 pcs. 1 x Adapter insert	R820291
	Polaris-box 4 fiber inlay Kit Fiber inlay (Splice tray) PU: 1 pcs. 1 x Fiber inlay 4 x Film hinge 1 x Pigtail strain relief (red clip)	R872834
	Polaris-box 4 cable entry strain relieve kit Cable entry strain relief for refitting at the cable inlets on the Polaris-box 4 housing PU: 1 pcs. 1 x Strain relief kit	R872833