



Ordering information

Polaris-box 24/36 SCM assortment

DESCRIPTION

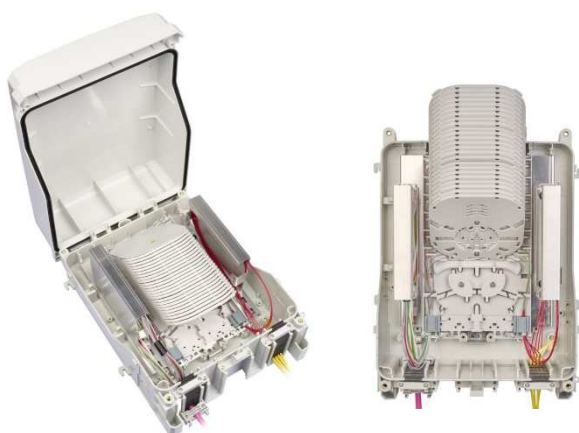
The Polaris-box 24/36 SCM is a new member of R&M's Polaris family. The new generation of fiber optic connection and distribution boxes allows a secure splicing, patching and an easy integration of passive optical components. The Polaris-box family is weather resistant and fulfills the requirements of moderate or even harsh (IP65) outdoor applications. The Polaris-box 24/36 SCM inlay has a capacity for up to 24/36 FMTS-30 splice trays and an easy (click-on) mountable adapter bracket for 12/18 patch connections SC, LC-D. The modular, as set available overlength brackets allow an easy storage of loose tube (loop) or drop cable overlengths. The cable entry concept enables an easy installation of cables and micro ducts with diameters from $\varnothing$ 2.0 mm to $\varnothing$ 16.0 mm.

ORDERING INFORMATION

PRODUCT-NR	PRODUKT DESCRIPTION	SPLICE CAPACITY	TPU ⁽¹⁾	PATCH CAPACITY	CABLE-ENTRIES	Ø – CABLE
R895056	Polaris-Box 24 SCM	288, retrofit	24x 1TPU	12x SC, 24x LC	8x below 2x top 2x side	Main cable: Ø 3 - 16 mm Drop cable: 16x Ø 2 - 3 mm
R895055	Polaris-Box 24 SCM, with lock		12x 2TPU			
R895058	Polaris-Box 36 SCM	432, retrofit	36x 1TPU	18x SC, 36x LC	12x below 2x top 2x side	Main cable: Ø 3 - 16 mm Drop cable: 16x Ø 2 - 3 mm
R895057	Polaris-Box 36 SCM, with lock		18x 2TPU			

TPU ⁽¹⁾: Tray Position Units correspond to the number of trays fixing possibilities.

Polaris-Box 24 SCM



Polaris-Box 36 SCM



OVERVIEW PROTECTION CLASS CABLE ENTRY

Polaris Cable sealing elements description	Pictures	IP below	IP top	IP side	amount cables Ø 2-3mm	amount cables Ø 3-13mm	amount cables Ø 3-16mm
Cable entry IP65 Sealing element 1 x Ø 3.0mm-16.0mm		IP65	-	-	-		1
Cable entry IP65 Sealing element 4 x Ø 3.0mm – 5.0mm		IP65	-	-	-	-	4
Cable entry IP65 Sealing element 4x 4 x Ø 2.0mm – 3.0mm		IP65	-	-	16	-	-
Cable entry IP65 (Butterfly cable) Sealing element 4x 4 x Ø 2.0mm x 3.0mm		IP65	-	-	16	-	-
Cable entry IP65 (housing) Modular Sealing element 1 x Ø 3mm-9mm 1 x Ø 9mm-13mm		-	IP65	IP65	-	1	-
Cable entry IP65 (housing) Modular Sealing element 3-layers 12 x Ø 2mm-3mm		-	IP65	IP65	12	-	-
Cable entry IP54 Basic Sealing element 1-layer (step solution) 1 x Ø 3mm-13mm		-	IP54	IP54	-	1	-
Cable entry IP54 Basic Sealing element 3-layers 12 x Ø 2mm-2.8mm		-	IP54	IP54	12	-	-
Cable entry IP54 Basic Sealing element 1-layer 8 x Ø 5mm		-	IP54	IP54	-	8	-
Cable entry IP54 Basic Sealing element 2-layers 3 x Ø 7mm 4 x Ø 2mm-2.7mm		-	IP54	IP54	4	3	-
Collocation insert Basic Sealing element 1-layer U-shape with cover		-	-	IP55	60/30	12 (Ø5)	2 (Ø10)
Adapter entry No sealing 1-layer Usable for 2 x SC, LC-D, E-2000 adapters		-	IP20	IP20	-	-	-

Important: The Polaris-box housing can reach a max. housing protection up to IP65 if the right sealing element will be used. The basic Polaris-box 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 to the protection class according to the listed overview from above.

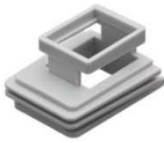
CABLE INTRODUCTION FOR MAIN CABLE ENTRY SLOTS BELOW

Important: 1 pcs. of cable entry cover kit and 2 pcs. of cable entry must always be ordered per main cable slot so that the complete cable slot can be sealed.

	Description	Ordering-NR
	Polaris cable entry cover kit Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element blind 1 x termination connector 2 x screws	R851088
	Polaris cable entry dummy element Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element blind	R851089
	Polaris cable entry kit Ø 3mm - 5mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element Ø 3mm - 5mm 1 x cable strain relief 1 x central element fixation	R851090
	Polaris cable entry kit Ø 5mm - 7mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element Ø 5mm - 7mm 1 x cable strain relief 1 x central element fixation	R851091
	Polaris cable entry kit Ø 7mm - 9mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element Ø 7mm - 9mm 1 x cable strain relief 1 x central element fixation	R851092
	Polaris cable entry kit Ø 9mm - 11mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element Ø 9mm - 11mm 1 x cable strain relief 1 x central element fixation	R851093

	Polaris cable entry kit Ø 11mm - 13mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element Ø 11mm - 13mm 1 x cable strain relief 1 x central element fixation	R851094
	Polaris cable entry kit Ø 13mm - 14mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element Ø 13mm - 14mm 1 x cable strain relief 1 x central element fixation	R851095
	Polaris cable entry kit Ø 14mm - 15mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element Ø 14mm - 15mm 1 x cable strain relief 1 x central element fixation	R851096
	Polaris cable entry kit Ø 15mm - 16mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element Ø 3mm - 5mm 1 x cable strain relief 1 x central element fixation	R851097
	Polaris cable entry kit 16x Ø 2mm - 3mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 4 x sealing element 4 x Ø 2mm - 3mm	R851098
	Polaris cable entry Kit 16x 2mm x 3mm Cable sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 4 x sealing element 4 x 2mm x 3mm (Butterfly cable)	R851099
	Polaris cable entry kit 4 x Ø 4 mm - 5 mm Cable Sealing element for re-fitting the cable entries on the Polaris-box 16/24/36 housing VE: 1 piece 1 x sealing element 4 x Ø 4mm - 5mm	R851101

OPTIONS CABLE ENTRY

	Description	Ordering-NR
	Strain relief butterfly cable Strain relief for butterfly cable for retrofitting VE: 1 piece 4x strain relief for 2.0mm x 3.0mm butterfly cable	R851100
	Polaris collocation insert IP55 Box connection bridge for retrofitting the lateral cable transfer between two boxes VE: 1 piece 1x U-frame with cover	R820290
	Polaris Adapter Entry SC / LC-D / E-2000™ Adapter insert for re-fitting with external adapter. 2x flangeless adapters can be mounted. VE: 1 piece 1x adapter entry	R820291

MORE OPTIONS

	Description	Ordering-NR
	Polaris-box 24-SCM overlength holder Kit Fiber storage for Loose tube, Drop- and Patch cord VE: 1 piece. 1 x Aluminum overlength holder 2 x Nylon push-In rivet ø6, L2.5-4.0	R895060
	Polaris-box 36-SCM overlength holder Kit Fiber storage for Loose tube, Drop- and Patch cord VE: 1 piece. 1 x Aluminum overlength holder 2 x Nylon push-In rivet ø6, L2.5-4.0	R895061
	Polaris-box 24 SCM adapter holder kit Adapter field for 12 adapters VE: 1 piece 1 x Adapter holder for 12x SFF/BFF 1 x Nylon push-In rivet ø6, L2.5-4.0	R895063
	Polaris-box 36 SCM adapter holder kit Adapter field for 18 adapters VE: 1 piece 1 x Adapter holder for 18x SFF/BFF 1 x Nylon push-In rivet ø6, L2.5-4.0	R895064

SCM SPLIC TRAY - SYSTEM FMTS30

	Description	TPU	Ordering-NR
	FMTS Splice Tray 4HS/4ANT, gray FMTS-HS4/ANT4-1TPU-GY FMTS splice tray for 4 heat shrink splice protectors (Ø2.3 - 2.7mm) or 4 sandwich splice protectors (ANT) PU: 12 pcs.	1	R820094
	FMTS Splice Tray 12HS, gray FMTS-HS12-1TPU-GY FMTS splice tray for 12 heat shrink splice protectors (Ø2.3 - 2.7mm) PU: 12 pcs.	1	R820095
	FMTS Splice Tray 12ANT, gray FMTS-ANT12-1TPU-GY FMTS splice tray for 12 sandwich splice protectors (ANT) PU: 12 pcs.	1	R820096
	FMTS Splice Tray Splitter, gray FMTS-SPLIT-2TPU-GY FMTS splice tray for splitter max. 2:32 (60x16x7) incl. splice holder for 2 heat shrink splice protectors (Ø2.3 - 2.7mm) or 2 sandwich splice protectors (ANT) PU: 6 pcs.	2	R820097
	FMTS Splice Tray Cover, gray FMTS-COVER-GY FMTS splice tray cover PU: 12 pcs.		R820098

TPU ⁽¹⁾: Tray Position Units correspond to the number of trays fixing possibilities.

ACCESSORIES FMTS SPLICE TRAY SYSTEM

	Description	Ordering-NR
	FMTS Labeling Sheet A4 FMTS-LABEL-A4 FMTS label-sheet in A4 format, 35 labels per sheet PU: 10 pcs	R830928

	Marker Clips "0", White, D2.3-3.0mm Marker Clips "1", White, D2.3-3.0mm Marker Clips "2", White, D2.3-3.0mm Marker Clips "3", White, D2.3-3.0mm Marker Clips "4", White, D2.3-3.0mm Marker Clips "5", White, D2.3-3.0mm Marker Clips "6", White, D2.3-3.0mm Marker Clips "7", White, D2.3-3.0mm Marker Clips "8", White, D2.3-3.0mm Marker Clips "9", White, D2.3-3.0mm Numbering clips for marking the FMTS splice trays or loose tubes (2.3 – 3.0mm) PU: 10 strips (30 clips per strip)	R813861 R813862 R813863 R813864 R813865 R813866 R813867 R813868 R815258 R815259
	Marker Clip Set "0-9", White, D2.3-3.0mm Numbering clip set for marking FMTS splice trays or loose tubes (2.3 – 3.0mm) Content: 2x "1" / 2x "2" / 1x "3"- "9" / 1x "0" PU: 1 set (12 strips)	R830929
	Marker Clips Red, D2.3-3.0mm Marker Clips Green, D2.3-3.0mm Marker Clips Yellow, D2.3-3.0mm Marker Clips Blue, D2.3-3.0mm Clip for marking FMTS splice trays for loose tubes (2.3 - 3.0mm) PU: 10 strips (30 clips per strip)	R815260 R815261 R815262 R815263