

Polaris-box 6 SCM



SCOPE OF SUPPLY

Polaris-box 6 bottom and cover
Inlay for 6 FMTS-30 or FMTS-Compact splice trays
Adapter bracket for 6 adapters (SFF/BFF)
Accessory kit incl. cable ties
Installation guide

GENERAL DESCRIPTION

The Polaris-box 6 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 6 SCM has an integrated inlay for up to 12 splices, a secure splitter fixing possibility and an easy (click-on) mountable adapter bracket for 6/12 patch connections (SC, E-2000 / LCD). To separate splices from splitters or for additional splice capacity, six more FMTS-Compact splice trays can be retrofitted. The cable entry concept enables an easy installation of cables and micro ducts with diameters from \varnothing 2.0 mm to \varnothing 13.0 mm.

PRODUCT-NO	PRODUCT DESCRIPTION	PU
R895051	Polaris-box 6 SCM, with lock	1 pc
R895052	Polaris-box 6 SCM, without lock	1 pc

TECHNICAL DATA

DESCRIPTION		VALUE / VALUE RANGE
Housing (Bottom & cover)	Material	Plastic PC/ASA
	Color	RAL 7035, light gray
Inlay	Material	Plastic PC/ASA
	Color	RAL 7035, light gray
Cable entry grommets	Material	Rubber TPE
	Color	RAL 9005, black
Adapter bracket and small parts (screws)	Material	Stainless steel A2
Ingress protection IP	Housing	IP 65
	Grommets	IP 65 (Modular) / IP 55 (Basic)
Dimension [mm]	H x W x D	289 x 208 x 63
Capacity	Pure Splice	12 (Inlay) / 72 (6x12 FMTS 30)
	Splice-Patch	12 (Inlay) / 16 (4x4, FMTS Compact) 6x BFF (SC-SX) / 6x SFF (LCD)
Cable entries	Top / Below	2 / 4x Main cable \varnothing 3 – 13mm 2 / 4x Drop cable 12x \varnothing 2 – 3mm 2 / 4x Cable gland M16
	Side	2x Collocation bridge 2x Cable gland M16

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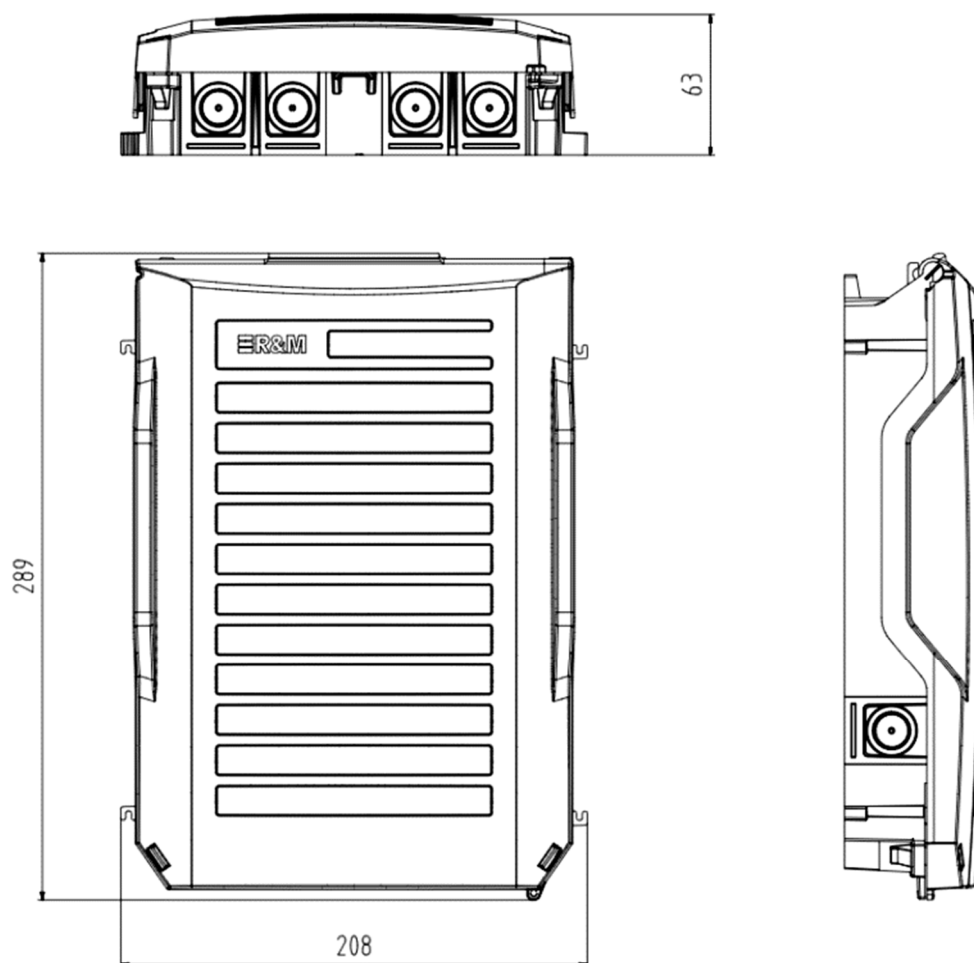
CLIMATICAL DATA

DESCRIPTION		VALUE / VALUE RANGE	STANDARD
Temperature range	Service	-25 °C to +70 °C / -13 °F to +158 °F	
	Storage	-40 °C to +70 °C / -40 °F to +158 °F	
	Transport	-40 °C to +70 °C / -40 °F to +158 °F	

FIRE PROPERTIES

DESCRIPTION		VALUE / VALUE RANGE	STANDARD
Burning rate		UL-94-V0	
Halogen free, acid gases		Pass	
RoHS		Pass	

TECHNICAL DRAWING





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ACCESSORIES

	PRODUCT-NO	PRODUCT DESCRIPTION	PU
	R820094	FMTS Splice tray 4x HS / 4x ANT, gray Only for pure splice application usable	12 pcs.
	R820095	FMTS Splice tray 12x HS, gray Only for pure splice application usable	12 pcs.
	R820096	FMTS Splice tray 12x ANT, gray Only for pure splice application usable	12 pcs.
	R820097	FMTS Splice tray Splitter, gray Only for pure splice application usable	12 pcs.
	R820098	FMTS Splice Tray Cover, gray Only for pure splice application usable	12 pcs.
	R878850	FMTS Splice tray Compact 4x ANT, gray	12 pcs.
	R878851	FMTS Splice tray Compact 4x HS, gray	12 pcs.
	R878853	FMTS Splice Tray Compact Cover, gray	12 pcs.

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	R830929	Marker Clip Set "0-9", White, D2.3-3.0mm	1 pc.
		<ul style="list-style-type: none"> • 2 strips à 30 marker clips "1" • 2 strips à 30 marker clips "2" • 1 strip à 30 marker clips "3" • 1 strip à 30 marker clips "4" • 1 strip à 30 marker clips "5" • 1 strip à 30 marker clips "6" • 1 strip à 30 marker clips "7" • 1 strip à 30 marker clips "8" • 1 strip à 30 marker clips "9" • 1 strip à 30 marker clips "0" 	
	R815260	Marker Clip Set Red, D2.3-3.0mm	1 pc.
	R815261	Marker Clip Set Green, D2.3-3.0mm	1 pc.
	R815262	Marker Clip Set Yellow, D2.3-3.0mm	1 pc.
	R815263	Marker Clip Set Blue, D2.3-3.0mm	1 pc.