Technical Datasheet

R&M Splash Line Products

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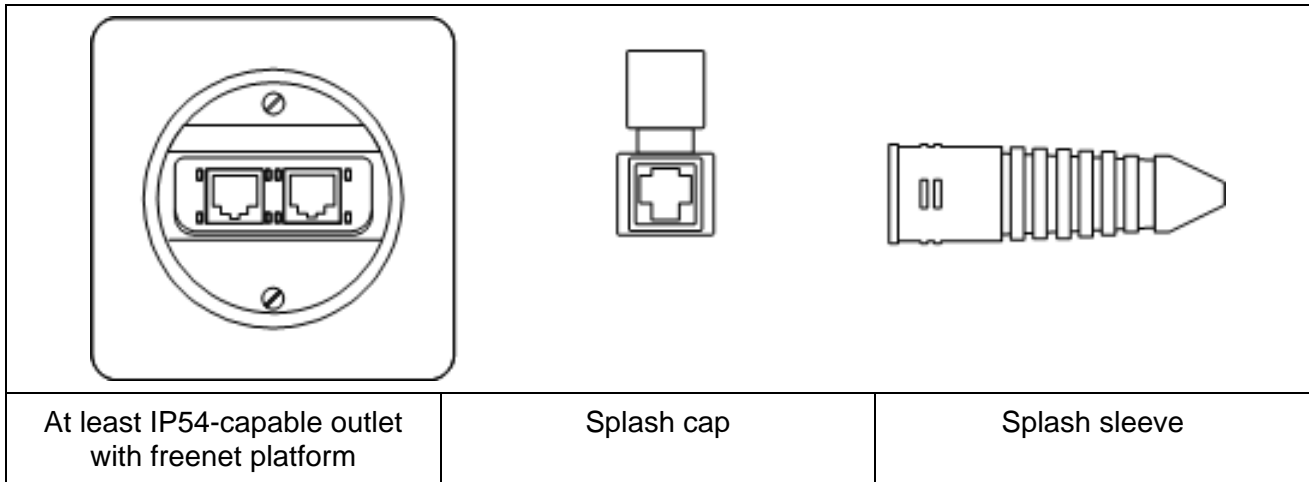**Convincing cabling solutions**

Splash product range: system description

The Splash product range provides a fast, economical and flexible solution for the protection of most standard patch cords against dust and water.
The protective Splash products can be mounted at a later time to already installed patch cords and outlets.

At least IP54-capable outlet with freenet platform	Splash cap	Splash sleeve

Protection class IP54 is also high enough to protect connecting hardware against dust and moisture in outdoor applications.
The Splash caps are available in different colors for a clearer arrangement and to provide the option of color-coding different ports.

Technical data

Splash cap

Parameter	Value	Test method	MICE class
Material Splash cap	polypropylene, PP		-
Material gasket	crosslinked silicone		-
IP class (when closed)	IP54	IEC 60529, EN 60529	2
Operating temperature	-25°C to + 80°C	IEC 60512-11-9/10	2
Resistance characteristics			
ozone	0.5 ppm	IEC 60512-11-7	3
UV	good	-	-
mineral / vegetable oils	very good	IEC 60512-19-3	3
salt mist	very good	IEC 60512-19-3	-
organic acids	very good	IEC 60512-19-3	-
sulphuric acid (38%)	good	IEC 60512-19-3	-

Splash sleeve

Parameter	Value	Test method	MICE class
Material	crosslinked silicone		-
Cable diameter (round/oval)	4.0–8.0mm		-
IP class (cable Ø as above)	IP54 (MICE 2)	IEC 60529, EN 60529	2
IP class (cable Ø < 4.0, or duplex cable (zip-cord design)	IP43	IEC 60529, EN 60529	1 - 2
Operating temperature	-25°C bis + 80°C	IEC 60512-11-9/10	2
Resistance characteristics			
ozone	0.5 ppm	IEC 60512-11-7	3
UV	good	-	-
mineral / vegetable oils	very good	IEC 60512-19-3	3
salt mist	very good	IEC 60512-19-3	-
organic acids	very good	IEC 60512-19-3	-
sulphuric acid (38%)	good	IEC 60512-19-3	-

Splash product line

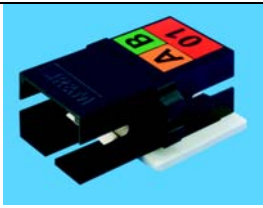| Product family	Suitable for	Sleeve	Cap
Splash	RJ45	R306064	R306063 (white) R306058 (blue) R306062 (red) R306060 (yellow) R306061 (green)
Universal Splash	RJ45 FM45 Patch Guard (RJ45) SC-RJ LC Duplex[*] E2000 Duplex[*] FO Simplex[*]	R320385	R320410 (white) R320411 (blue) R320412 (red) R320414 (yellow) R320415 (green)

[*] = IP43 is reached with duplex zip-cord cables and smaller diameters

Important note: *Sleeves and caps of Splash and Splash Universal are not compatible!*
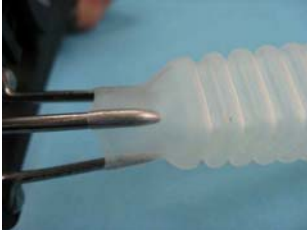
Dimensions

Splash	Universal Splash

Compatibility matrix

Jack side			Freenet platform/outlet			Patch cords	
Part no. / descr.	Picture		Part number	Picture		Splash	Universal Splash
All RJ45 modules with freenet plate			Splash outlets: R307037 R307036 R307038 R307039			• All RJ45 patch cords of Cat.5e, Cat.6, Cat.6a	• All RJ45 patch cords of Cat.5e, Cat.6, Cat.6a • RJ45 patch cords with Patch Guard • Cables fitted with FM45 or FM45 Industry • All fiber optic cables
All FO adapters with freenet plate *)			IP54 outlet: R314605 R314604				
SC-RJ adapter IP67 R311496			IP54 mounting frame: R313733				

 *) = the standard FO adapters with freenet holders protrude over the edge after mounting so that the Splash cap cannot be closed. An exception is the SC-RJ IP67 adapter.

Mounting the Splash sleeve

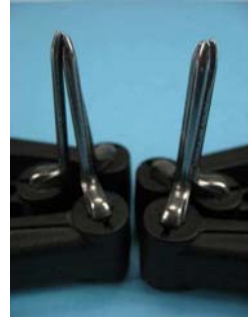**wrong**   **right**   **max. elongation**   **wrong**   **right**