H05RR-F 300/500V

H05RR-F are for connecting devices with slight mechanical stresses.



The flexible rubber cables H05RR-F are intended for use in households and office buildings for connecting devices, in which the cable is subject to slight mechanical stresses. They are approved for permanent outdoor use with normal strain. They are not suitable for permanent installation in water.
DoP code:1008274

STANDARDS

DIN EN 50565-2	Application
DIN EN 50525-2-21	General
DIN EN 60228 / IEC 60228	Conductor
DIN EN 50525-1	Core identification
EN 50363-2-1	Compound
EN 50363-1	Compound
DIN EN 60332-1-2	Fire performance
DIN EN 50575	Fire performance
DIN EN 60811-404	Chemical behaviour
DIN VDE 0298-4	Electrical parameters

CABLE DESIGN

Conductor	Copper: bare, finely stranded, class 5
Conductor material	Copper
Conductor surface	Bare
Core insulation material	EPR rubber

ELECTRICAL & THERMAL PARAMETERS

Test voltage [kV]	2
Max. conductor temperature [°C]	60
Laying temperature (min) [°C]	-25
Ambient temperature fix installation (min) [°C]	-25
Ambient temperature fix installation (max) [°C]	50

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CHARACTERISTICS

Outdoor installation	Yes
Bending radius (rule)	DIN VDE 0298-4

CHEMICAL PROPERTIES

CPR reaction to fire	Eca
Oil resistant	acc. IEC/EN 60811-404
UV resistant	Yes

SUSTAINABILITY COMMITMENT

Our commitment to a low-carbon future remains unwavering as we strive to create sustainable solutions while upholding quality standards. We prioritize sustainability and environmental protection in our daily operations, collaborating with local communities to ensure workplace safety and safeguard the areas we operate in.

Sustainability and environmental responsibility is evident also in our **packaging** solutions across the CEE region. We use fully recyclable drum cover foils to minimize environmental impact. Our packaging for rings is made from 30% recycled materials, supporting a circular economy. Additionally, our boxes are made from recyclable, environment-friendly cardboard, promoting eco-conscious choices. By choosing Prysmian, you are not only selecting high-quality products but also contributing to a greener future.

Check for more details about our sustainability commitment here: Sustainability: report and responsibility.

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CABLE PROPERTIES

Basic construction	SAP code	Cable diameter (min) [mm]	Cable diameter (max) [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]	Current carrying capacity [A]
2x0.75	20003361	6	7.4	50	0.12	6
2x1	20003363	6.1	8	59	0.16	10
2x1.5	20003369	7.6	9.8	89	0.24	16
3G0.75	20003371	6.2	8.1	66	0.12	6
3G1	20003373	6.5	8.5	76	0.16	10
3G1.5	20003375	8	10.4	113	0.24	16
3G2,5	20003378	9.6	10.7	164	0.4	25
4G0.75	20003380	6.8	8.8	79	0.12	6
5G0.75	20006198	7.6	9.9	98	0.12	6
5G1.5	20006201	9.8	12.7	170	0.24	16
5G4	20003388	14.6	18.6	253	0.64	25

* Cross section is not covered by the DIN VDE 0250-602 standard.

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