



**TITANEX® - H07RN-F
rubber sheathed**

- flexible connection cable acc. to IEC 60245-4 type 66
- suitable for permanent outdoor use
- suitable for heavy-duty mechanical stress
- CPR class Eca acc. to EN50575

EM2

TITANEX rubber-sheathed cables use special meshed elastomer compounds for their conductor insulation and outer jackets, ensuring that they remain ultraflexible and supple despite extreme mechanical and thermal stress. They are UV and ozone-resistant and are particularly suitable for permanent outdoor cabling. These H07RN-F heavy-duty rubber-sheathed cables comply with DIN VDE 0298-300 (HD 516 S2) and can withstand brief immersion in water.

construction

cond. construction	stranded bare copper, fine-wired acc. to IEC 60228, class 5
insulation	special cross-linked elastomer EI4 acc. to DIN VDE 0281-1 (HD22.1)
core identification	green-yellow + brown + blue
3 cores	green-yellow + brown + blue + grey
5 cores	
outer jacket	cross-linked elastomer with high mechanical strength property

electric

rated voltage [Uo/U]	450/750 V
	600/1000 V at protected and fixed installation
test voltage	2500 V

mechanics

min. bending radius	
installed	3x overall diameter
mobile use	6x overall diameter
temperature range	
installed	-60°C / +85°C
mobile use	-25°C / +65°C
ozone resistance for insulation	acc. to EN 60811-2-1 art. 8
oil resistant	acc. to EN 60811-2-1

order code	no. of cores x cross section	outer Ø mm	cable color	copper weight g/m	weight kg/m
PCTXS0315	3G1.5	10.0	black	43	0.13
PCTXS0325	3G2.5	12.0	black	72	0.2
PCTXS0525	5G2.5	17.0	black	120	0.3
PCTXS0540	5G4.0	19.9	black	192	0.45

technical specifications are subject to change