



**TITANEX® PREMIUM - H07RN-F
water tight**

- flexible connection cable acc. to IEC 60245-4 type 66
- water-tight acc. to H07RN8-F (AD 8)
- low temperature use (-50°C) acc. to H07BB-F
- halogen free acc. to IEC 60754-2
- flame retardant acc. to IEC 60332-1
- CPR class Eca acc. to EN50575

EM2-8

In addition to the properties offered by H07RN-F cables, the additional properties of these rubber-sheathed cables make them suitable for extreme environments. TITANEX Premium is impervious to water in accordance with AD8 and can withstand long-term immersion in fresh water at depths of up to 10 m. In addition, it can be used at extremely low temperatures of up to -50°C for applications including sports stadia.

construction

cond. construction	stranded bare copper, fine-wired acc. to IEC 60228, class 5
insulation	special cross-linked elastomer
core identification	
3 cores	green-yellow + brown + blue
5 cores	green-yellow + brown + blue + grey
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	8x overall diameter
temperature range	
installed	-50°C / +90°C
mobile use	-40°C / +60°C
water impermeability	AD 8, acc. to HD 526
impact resistance	AG 2, acc. to HD 526
ozone resistance for insulation	acc. to EN 60811-2-1 art. 8
oil resistant	acc. to EN 60811-2-1
flame retardancy	acc. to IEC 60332-1

order code	no. of cores x cross section	outer Ø mm	cable color	weight kg/m
PCTXP0315	3G1.5	10.0	black	0.13
PCTXP0325	3G2.5	12.0	black	0.2
PCTXP0525	5G2.5	17.0	black	0.3
PCTXP0540	5G4.0	19.9	black	0.45

technical specifications are subject to change