

FESTOON PUR-HF
Festoon cable**Construction**

Conductors:	Copper Bare, Class 5 Stranding
Insulation:	Polyester
Jacket:	Polyurethane Rubber (PUR), halogen free
Jacket Color:	Black

Features

- Halogen-free
- Also available oil Resistant acc. DIN EN resp. IEC 60811-404 168h/100°C
- Also available on request for permanent use in water up tp 50m diving depth
- In festoon system max. 210 m/min. (689 ft/min)
- In reeling operation max. 60 m/min (196 ft/min)

Approvals

- DIN VDE 0250
- Conforms to RoHs
- Conforms to 2014/35/EU-Guideline (LV) CE

Technical details

Temperature range:	-50°C up to 90°C (static), -40°C up to 90°C (dynamic)
Voltage Rating:	600/1000V
Min. bending radius:	6 x OD (static), 6 x OD (dynamic)

Application

Power and control cable for very high mechanical requirements and frequent bending. Trolley systems, drag chains, conveyor facilities and moving parts of machines. Suitable for dry, humid or wet rooms and for outdoor applications.

Part Number	N. of Core	Conductor mm2 (AWG)	Jacket mim. max. mm (inch)	CU weight kg/100m (lbs/Mft)	Cable weight kg/100m (lbs/Mft)
287010160F	1	16 (6)	8.5-9.5 (0.33-0.37)	154 (21)	170 (23)
287010250F	1	25 (4)	9.9-11.1 (0.39-0.44)	240 (33)	270 (37)
287010350F	1	35 (2)	11.7-12.9 (0.46-0.51)	336 (46)	380 (52)
287010500F	1	50 (1-1/0)	13.9-15.1 (0.55-0.60)	480 (66)	530 (73)
287010700F	1	70 (2/0)	16.2-17.4 (0.64-0.68)	672 (93)	740 (102)
287010950F	1	95 (3/0)	17.9-19.1 (0.70-0.75)	912 (126)	940 (130)
287011200F	1	120 (4/0)	20.2-21.5 (0.796-0.85)	1152 (160)	1200 (166)
287011500F	1	150 (300)	21.8-23.2 (0.86-0.92)	1440 (199)	1490 (206)
287011850F	1	185 (350)	24.3-25.7 (0.96-1.02)	1776 (246)	1830 (253)
287012400F	1	240 (500)	27.7-29.3 (1.09-1.16)	2304 (319)	2310 (319)
287030150F	3	1.5 (16)	6.52-7.5 (0.25-0.30)	43 (6)	115 (16)
287030250F	3	2.5 (12)	8.5-9.5 (0.33-0.37)	72 (10)	130 (18)
287040150F	4	1.5 (16)	8.1-9.1 (0.32-0.36)	58 (8)	120 (17)
287040250F	4	2.5 (12)	9.2-10.2 (0.36-0.40)	96 (13)	160 (22)
287040400F	4	4 (11)	10.3-11.5 (0.40-0.45)	154 (21)	230 (32)
287040600F	4	6 (10)	12.1-13.2 (0.48-0.52)	230 (32)	320 (44)
287041000F	4	10 (8)	15.0-16.2 (0.59-0.64)	384 (53)	520 (72)
287041600F	4	16 (6)	17.7-18.9 (0.70-0.75)	614 (85)	750 (104)
287042500F	4	25 (4)	21.1-22.5 (0.83-0.89)	960 (133)	1160 (160)
287043500F	4	35 (2)	25.8-27.4 (1.01-1.08)	1344 (186)	1660 (229)
287045000F	4	50 (1-1/0)	31.0-33.0 (1.22-1.30)	1920 (265)	2400 (331)
287050250F	5	2.5 (12)	9.8-11.0 (0.39-0.43)	120 (17)	180 (25)
287050400F	5	4 (11)	11.6-12.7 (0.46-0.50)	192 (27)	290 (40)
287050600F	5	6 (10)	14.0-15.2 (0.55-0.60)	288 (40)	420 (58)
287051000F	5	10 (8)	16.2-17.5 (0.64-0.69)	480 (66)	630 (87)
287051600F	5	16 (6)	19.4-20.6 (0.76-0.81)	768 (106)	930 (128)
287052500F	5	25 (4)	23.2-24.5 (0.91-0.96)	960 (133)	1380 (191)
287070150F	7	1.5 (16)	9.0-10.0 (0.35-0.40)	101 (14)	220 (30)
287070250F	7	2.5 (12)	11.5-12.7 (0.45-0.50)	168 (23)	250 (35)
287120150F	12	1.5 (16)	14.3-15.5 (0.56-0.61)	173 (24)	320 (44)
287120250F	12	2.5 (12)	16.5-17.7 (0.65-0.70)	288 (40)	470 (65)
287180150F	18	1.5 (16)	14.5-15.7 (0.57-0.62)	259 (36)	380 (52)
287180250F	18	2.5 (12)	16.7-17.9 (0.66-0.70)	432 (60)	580 (80)
287240150F	24	1.5 (16)	16.5-17.8 (0.65-0.70)	346 (48)	500 (69)
287240250F	24	2.5 (12)	19.2-20.4 (0.75-0.80)	576 (80)	770 (106)
287300150F	30	1.5 (16)	19.6-21.0 (0.77-0.87)	432 (60)	680 (94)
287300250F	30	2.5 (12)	24.9-26.5 (0.98-1.04)	720 (99)	1080 (149)