



Sapflex PS250 Data PUR

Highly flexible data cable for constant moving applications. The cable is halogen-free, flame-retardant and resistant to most chemicals used in industrial environment with higher number of cycles upto 10 million

- PUR outer jacket.
- Flame-retardant
- For low duty flexing applications.
- Oil and bio-oil-resistant
- Bending Radius :- 10 x d
- Temperature :- +23 °F to +158 °F (-5 °C to +70 °C)
- Unsupported :- (3 m/s)

Travel Distance :- Unsupported travel distances up to 100 m for outdoor application Class 5

Insulation :- Mechanically high-quality TPE

Colour code :- As Per RFQ

Construction :- Conductors cabled with an optimised pitch length

Conductor :- Conductor consisting of bare copper wires (DIN EN 50363)

Outer Jacket :- Low-adhesion mixture on the basis of PUR, adapted to suit the requirements in Drag chain, as per IEC 60332-1-2

Nominal voltage 300/500 v

Test voltage 1500 v Fast Moving and small radius application

Higher number of cycles upto 30 million

- For medium mechanical load requirements,
- Unsupported travel distances and for gliding applications up 100 m,
- Without influence of oil,
- Preferably indoor/outdoor applications
- Wood/stone processing, Packaging industry, supply systems, Handling, adjusting equipment





Item name	Colour	Number of cores & Cross Section	Outer Diameter. mm	Cop index Kg/km	Weight Kg/km
PS250-01-03	GR/Blk	3 x 0.14	5.5	12	28
PS250-01-04	GR/Blk	4 x 0.14	5.0	17	32
PS250-01-05	GR/Blk	5 x 0.14	5.5	19	37
PS250-01-07	GR/Blk	7 x 0.14	6.0	25	47
PS250-01-14	GR/Blk	14 x 0.14	7.0	41	75
PS250-01-18	GR/Blk	18 x 0.14	7.5	51	90
PS250-01-24	GR/Blk	24 x 0.14	8.5	64	125
PS250-02-03	GR/Blk	3 x 0.25	5.0	19	35
PS250-02-04	GR/Blk	4 x 0.25	5.5	23	45
PS250-02-05	GR/Blk	5 x 0.25	6.0	28	49
PS250-02-07	GR/Blk	7 x 0.25	6.5	35	61
PS250-02-08	GR/Blk	8 x 0.25	7.0	39	68
PS250-02-14	GR/Blk	14 x 0.25	7.5	60	92
PS250-02-18	GR/Blk	18 x 0.25	8.5	71	122
PS250-02-24	GR/Blk	24 x 0.25	10.0	95	161
PS250-03-02	GR/Blk	2 x 0.34	5.5	21	37
PS250-03-03	GR/Blk	3 x 0.34	5.5	29	42
PS250-03-04	GR/Blk	4 x 0.34	6.0	33	51
PS250-03-05	GR/Blk	5 x 0.34	6.5	38	56
PS250-03-07	GR/Blk	7 x 0.34	7.5	50	77



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PS250-03-10	GR/Blk	10 x 0.34	8.0	58	97
PS250-03-14	GR/Blk	14 x 0.34	8.0	74	112
PS250-03-18	GR/Blk	18 x 0.34	9.0	91	139
PS250-03-24	GR/Blk	24 x 0.34	10.0	119	177

Sapflex Kabel Solutions Ltd.

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