



Sapflex PS451s Data PVC

- PVC Outer jacket.
- Shielded & Overall Shielded
- 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)
- Hydrolysis and microbe-resistant

Travel Distance :-	Unsupported travel distances up to 100 m for indoor application Class 6
Insulation :-	Mechanically high-quality TPE
Colour code :-	As Per RFQ
Construction :-	Twisted Pairs cabled together with short pitch lengths with Polyester tape over external layer
Conductor :-	Conductor consisting of bare copper wires as per (DIN EN 50363).
Outer Jacket :-	Low-adhesion mixture on the basis of PVC, adapted to suit the requirements in Drag chain, as per IEC 60332-1-2
Overall Shielded :-	Extremely bending-resistant tinned copper braid.90 % optical coverage.

Nominal voltage 300/500 v

- For medium mechanical load requirements,
- Unsupported travel distances and for gliding applications upto 100 m,
- Without influence of oil,
- Preferably indoor 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
PS451-02-01-02	GR/Blk	1 PR x 0.25	5.0	18	33
PS451-02-02-02	GR/Blk	2 PR x 0.25	6.5	25	51
PS451-02-03-02	GR/Blk	3 PR x 0.25	7.0	36	63
PS451-02-04-02	GR/Blk	4 PR x 0.25	7.5	44	76
PS451-02-05-02	GR/Blk	5 PR x 0.25	8.5	52	92
PS451-02-06-02	GR/Blk	6 PR x 0.25	9.0	62	105
PS451-02-08-02	GR/Blk	8 PR x 0.25	10.5	78	137
PS451-02-10-02	GR/Blk	10 PR x 0.25	12.0	90	170
PS451-02-14-02	GR/Blk	14 PR x 0.25	12.0	119	204
PS451-03-03-02	GR/Blk	3 PR x 0.34	8.0	44	86
PS451-03-08-02	GR/Blk	8 PR x 0.34	12.0	102	206
PS451-05-01-02	GR/Blk	1 PR x 0.5	6.0	26	51
PS451-05-02-02	GR/Blk	2 PR x 0.5	7.0	46	90
PS451-05-03-02	GR/Blk	3 PR x 0.5	9.0	61	109
PS451-05-04-02	GR/Blk	4 PR x 0.5	9.5	74	125
PS451-05-05-02	GR/Blk	5 PR x 0.5	11.0	91	153
PS451-05-06-02	GR/Blk	6 PR x 0.5	11.5	103	189
PS451-05-08-02	GR/Blk	8 PR x 0.5	13.0	137	234
PS451-05-10-02	GR/Blk	10 PR x 0.5	15.5	181	326
PS451-05-14-02	GR/Blk	14 PR x 0.5	16.0	193	341

