



Sapflex PS452s Data PUR

- PUR Outer jacket.
- Shielded & Overall Shielded
- Flame-retardant
- For low duty flexing applications
- Oil and bio-oil-resistant
- Bending Radius :- 7 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 400 m for indoor/outdoor application for festoon & drag chain system.
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 PUR, 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 400 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
PS452-02-01-02	GR/Blk	1 PR x 0.25	5.0	18	32
PS452-02-02-02	GR/Blk	2 PR x 0.25	6.5	25	49
PS452-02-03-02	GR/Blk	3 PR x 0.25	7.0	36	65
PS452-02-04-02	GR/Blk	4 PR x 0.25	7.5	44	76
PS452-02-05-02	GR/Blk	5 PR x 0.25	8.5	52	89
PS452-02-06-02	GR/Blk	6 PR x 0.25	9.0	62	102
PS452-02-08-02	GR/Blk	8 PR x 0.25	10.5	78	130
PS452-02-10-02	GR/Blk	10 PR x 0.25	12.0	90	168
PS452-02-14-02	GR/Blk	14 PR x 0.25	12.0	119	204
PS452-03-03-02	GR/Blk	3 PR x 0.34	8.0	44	83
PS452-03-08-02	GR/Blk	8 PR x 0.34	12.0	95	163
PS452-05-01-02	GR/Blk	1 PR x 0.5	6.0	26	51
PS452-05-02-02	GR/Blk	2 PR x 0.5	8.5	41	86
PS452-05-03-02	GR/Blk	3 PR x 0.5	9.0	61	105
PS452-05-04-02	GR/Blk	4 PR x 0.5	9.5	74	123
PS452-05-05-02	GR/Blk	5 PR x 0.5	11.0	91	152
PS452-05-06-02	GR/Blk	6 PR x 0.5	11.5	103	189
PS452-05-08-02	GR/Blk	8 PR x 0.5	13.0	137	221
PS452-05-10-02	GR/Blk	10 PR x 0.5	15.5	170	297
PS452-05-14-02	GR/Blk	14 PR x 0.5	15.5	185	311

