

SY PVC Control Cables

Flexible Shielded



CORE IDENTIFICATION:

● From 1-2 cores black with white numbers ● + ● From 3 cores - Black with white numbers + green/yellow

APPLICATION:

Steel wire braided flexible connecting cables for instrumentation and control equipment, for tooling machinery production lines, and in flexible applications for free movement without tensile load. Suitable for use in dry, moist and wet rooms. The galvanised steel wire braid serves as protection against mechanical traverse loads and acts as a magnetic screen against interference. These cables are not used for outdoor or underground installation.

FEATURES:

Class 5 flexible copper conductor

The clear oversheath of the SY PVC cable allows the visual detection of any signs of deterioration, damage or corrosion

Can be used outdoors (if protected) / indoors (dry and damp conditions)

Used for measuring, controlling or regulation in control equipment and production lines, conveyors and computer units

SPECIFICATION:

Cable type	Control cable
Packaging	Sold by reel
Conductor	Copper
Sheath colour	transparent
Shielding	shielded
Conductor insulation	PVC (Polyvinyl Chloride)
Original packaging	50 m
Voltage	300/500 V
Sheath	PVC
Shielding material	Galvanised steel wire braid
Temperature range	-40...+80 °C (Fixed), -5...+70 °C (Flexed)
Standard	VDE0250, BS EN/IEC 60332-1, BS EN 60228
Min. bending radius	4 x Overall Diameter (Fixed), 12.5 x Overall Diameter (Flexed)

PRODUCT RANGE:

Art. Nr.	Cross-section	Cores	Overall Diameter	Wire Code	Core colours
RND 475-00512	0.75 mm ²	2	7.3 mm	YSLYSY-OZ	black
RND 475-00513	1.00 mm ²	2	7.6 mm	YSLYSY-OZ	black
RND 475-00514	1.50 mm ²	2	8.1 mm	YSLYSY-OZ	black
RND 475-00515	0.75 mm ²	3	7.6 mm	YSLYSY-JZ	green/yellow/black
RND 475-00516	1.00 mm ²	3	8.0 mm	YSLYSY-JZ	green/yellow/black
RND 475-00517	1.50 mm ²	3	8.6 mm	YSLYSY-JZ	green/yellow/black
RND 475-00518	2.50 mm ²	3	9.3 mm	YSLYSY-JZ	green/yellow/black
RND 475-00519	4.00 mm ²	3	11.8 mm	YSLYSY-JZ	green/yellow/black
RND 475-00520	0.75 mm ²	4	8.1 mm	YSLYSY-JZ	green/yellow/black
RND 475-00521	1.00 mm ²	4	8.7 mm	YSLYSY-JZ	green/yellow/black
RND 475-00522	1.50 mm ²	4	9.3 mm	YSLYSY-JZ	green/yellow/black
RND 475-00523	2.50 mm ²	4	10.8 mm	YSLYSY-JZ	green/yellow/black

PRODUCT RANGE:

Art. Nr.	Cross-section	Cores	Overall Diameter	Wire Code	Core colours
RND 475-00524	0.75 mm ²	5	8.9 mm	YSLYSY-JZ	green/yellow/black
RND 475-00525	1.00 mm ²	5	9.2 mm	YSLYSY-JZ	green/yellow/black
RND 475-00526	1.50 mm ²	5	10.1 mm	YSLYSY-JZ	green/yellow/black
RND 475-00527	2.50 mm ²	5	11.7 mm	YSLYSY-JZ	green/yellow/black
RND 475-00528	0.75 mm ²	7	9.4 mm	YSLYSY-JZ	green/yellow/black
RND 475-00529	1.00 mm ²	7	10.0 mm	YSLYSY-JZ	green/yellow/black
RND 475-00530	1.50 mm ²	7	11.0 mm	YSLYSY-JZ	green/yellow/black
RND 475-00531	2.50 mm ²	7	2.5 mm	YSLYSY-JZ	green/yellow/black