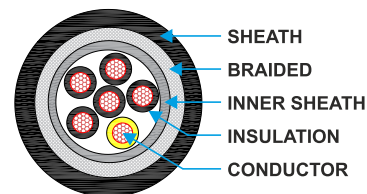


Drag Chain Cables

PVC/PVC Control FD YCY - Shielded Cable



2205 - Drag Chain Cables

Application

Connecting cable between frequency convertor and motor. This motor power supply cable is used for the frequency converters and assures electromagnetic compatibility in plants and buildings. Handling equipment, for SIMOVERT drives, they are particularly suitable for use with industrial pumps, ventilators, conveyor belts and air-conditioning installations and similar applications.

Properties

- Flame retardant according to EN 60332-1-2
- Special PVC insulation ensures low mutual capacitance, lower dielectric loss, low screen interference currents
- Low capacitance design allows a longer cable connection between frequency converter and motor
- Meets EMC requirements
- Due to the optimal screening an interference-free operation of frequency converters is obtained

Construction

- Bare copper, fine wire conductors according to EN 60228 cl. 5 / cl. 6
- Special PVC : Core insulation type T12 to acc. to EN 50363-3
- Core colours : black, brown, grey, green-yellow
- Cores stranded in concentric layers
- Special PVC inner sheath
- Screening with tinned coated copper : Min. 85%
- Special PVC outer sheath

Technical Parameter

- Standard : Adapted DINVDE 0207/0250/0295
- Nominal voltage : UO / U 300 / 500V
- Insulation resistance : Min. 200 GΩ x cm
- Temperature range : Flexing -5°C to +70°C.
fixed installation -30°C to +70°C
- Minimum bending radius : Flexing 5D
fixed installation 3D
- Test voltage : Supply cores: C/C 1500V & C/S : 750V
- Control cores : C/C: 1000V, C/S : 500V



Dimension

Part code	No. of Cores & Nominal Cross Sectional Area (Sq. mm)	Approx. Cable Diameter (mm)	Approx. Copper Weight (kg/km)	Approx. Cable Weight (kg/km)
2205B001504X	4 G 1.5	11.4	72.9	167
2205B002504X	4 G 2.5	12.4	110.0	215
2205B004004X	4 G 4.0	15.6	193.3	363
2205B006004X	4 G 6.0	17.0	269.0	462
2205B010004X	4 G 10.0	19.6	435.0	660
2205B016004X	4 G 16.0	22.1	698.3	955
2205B025004X	4 G 25.0	26.3	1045.7	1390
2205B035004X	4 G 35.0	29.5	1431.6	1842
2205B050004X	4 G 50.0	35.8	2010.3	2656
2205B001506X*	3 x 1.5 + 3 G 0.25	11.4	65.1	158
2205B002506X*	3 x 2.5 + 3 G 0.5	12.2	99.4	202
2205B004006X*	3 x 4 + 3 G 0.75	14.4	174.0	308
2205B006006X*	3 x 6 + 3 G 1	15.7	237.6	391
2205B010006X*	3 x 10 + 3 G 1.5	18.0	375.2	554
2205B016006X*	3 x 16 + 3 G 2.5	20.2	603.9	809
2205B025006X*	3 x 25 + 3 G 4	23.8	906.3	1174
2205B035006X*	3 x 35 + 3 G 6	26.9	1250.8	1581

Note: X* = With green/yellow earth core + Mixed Conductor