

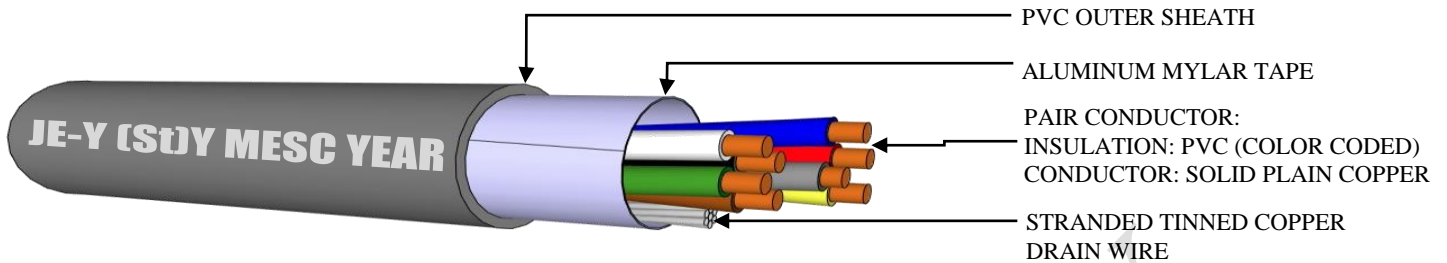
M E S C

Middle East Specialized Cable

JE -Y(St)Y INDUSTRIAL ELECTRONIC CABLE VDE - 0815



- Application** : Suitable for measurement and control in the fields of electronics. This cable is also used for data transmission in computers. Suitable for fixed installation in dry and humid premises.
- Special Applications** : Suitable for MAXI-TERMI point connections.



Construction		Technical Data	
Conductor	: Solid plain copper	Temperature range	
Insulation	: PVC insulation type YI-3 to VDE 0207	Stationary	: - 30°C to +90°C
Pair	: Cores twisted into pairs. Two (2) pairs shall be a quad. Pairs color coded as per VDE-0815. <i>First Pair:</i> Blue + Red, <i>Second Pair:</i> Grey + Yellow <i>Third Pair:</i> Green + Brown <i>Forth Pair:</i> White + Black.	Flexing	: - 5°C to +50°C
Units	: Four pairs bundled into a unit and wrapped with an open helix of numbered polyester tape.	Peak working voltage	: 225 Volts
Assembly	: Units cabled with non-hygroscopic fillers if necessary, shielded with aluminum polyester tape and stranded tinned copper drain wire for electrostatic noise rejection.	Minimum bending radius	: 7.5 X cable diameter
Outer Sheath	: PVC type YM-1 as per VDE 0207 colored grey (blue for Intrinsically safe circuits). Outer sheath passes flame retardant test as per IEC-60332-1	Conductor resistance at 20°C	: 36.6 ohm/Km
		Insulation resistance	: 100 MOhm - Km
		Mutual Capacitance	: 100 nF/Km (cables up-to 4 pairs the value can exceed by 20%)
		Capacitance unbalance maximum	: 200pF/100m.
		R.M.S. test voltage	: 500 V core/core 2000 V core/screen
		Attenuation	: 1.1dB/Km at 800Hz. 3.0dB/Km at 10 KHz.

Size mm ²	MESC CODE	No. of Pairs	Strands x diameter No. x mm	Insulation thickness mm	Sheath thickness mm	Approx. O. D. mm	Approx. Weight kg/km
0.5	N261-01P00050-U0GY8-00	1	1 X 0.8	0.3	1.0	5.1	45
	N261-02P00050-U0GY8-00	2	1 X 0.8	0.3	1.0	5.9	60
	N261-04P00050-U0GY8-00	4	1 X 0.8	0.3	1.0	9.1	105
	N261-08P00050-U0GY8-00	8	1 X 0.8	0.3	1.0	11.4	170
	N261-12P00050-U0GY8-00	12	1 X 0.8	0.3	1.2	13.7	250
	N261-16P00050-U0GY8-00	16	1 X 0.8	0.3	1.2	15.3	315
	N261-20P00050-U0GY8-00	20	1 X 0.8	0.3	1.2	16.8	375

Packing: Wooden Drums of 500/1000 Meters.