

ACCESSORIES

DATASHEET



CABLES

MODLE SERIES	MODLE	NO. OF CORES	COLOR CODE	O.D	WT(APPROX)
CS-0401 series	7/0.34 mm annealed copper, petroleum jelly filled, 0.5 mm Ø galvanized steel wire armoured, polythene sheathed black color, variants as follows:				
	CS-0401-2	2-core	red/black	15 mm	0.3 kg/m
	CS-0401-4	4-core	red/black & green/white	15.5 mm	0.35 kg/m
	CS-0401-6	6-core	red/black, green/white & blue/grey	16.5 mm	0.40 kg/m
CS-0402 series	7/0.25 mm ATC, twisted pairs screened with water blocking aluminum foil, 0.3 mm galvanized iron wire braid armoured, overall polythene sheathed, variants as follows:				
	CS-0402-1P	2-core	red/black	10 mm	0.1 kg/m
	CS-0402-2P	4-core	red/black & green/white	11 mm	0.12 kg/m
	CS-0402-3P	6-core	red/black, green/white & blue/grey	11.5 mm	0.14 kg/m
	CS-0402-4P	8-core	all different	12.5 mm	0.16 kg/m
	CS-0402-6P	12-core	all different	14 mm	0.40 kg/m
	CS-0402-10P	20-core	all different	16 mm	0.50 kg/m
	CS-0402-20P	40-core	all different	19.8 mm	0.60 kg/m

MODLE SERIES	MODLE	NO. OF CORES	COLOR CODE	O.D	WT(APPROX)
CS-0403	7/0.20 mm silver plated copper with braid, 4 core screened cable in red, black, green, white, screened with aluminized polyester film, with drain wire, PTFE sheathed, 3.5 mm o.d., unit wt. (approx.) 0.03 kg/m				
CS-0404	7/0.20 mm ATC, 4-core cable with red/black & white/black, foil shielded; chrome PVC jacket. Max. service temperature 80° C, ~ 5.6 mm o.d, unit weight (approx.) 0.35kg/10 m.				
CS-0407 series	7/0.2 mm annealed copper, petroleum jelly filled, 0.5 mm diameter galvanized sheet armoured, overall PE black sheathed, variants as follows:				
	CS-0407-5P	10-core	all different	18 mm	0.45 kg/m
	CS-0407-10P	20-core	all different	19 mm	0.50 kg/m
	CS-0402-20P	40-core	all different	20 mm	0.55 kg/m
CS-0410 series	7/0.2 mm ATC, datalene insulated, low capacitance, shielded cable, chrome PVC jacket, variants as follows:				
	CS-0410-5	5-core	red, black, white, green & brown	6.25 mm	0.05 kg/m
	CS-0410-8	8-core	red, black, white, green, brown, orange, blue & yellow	7.1 mm	0.08 kg/m
CS-0502	7/0.25 mm annealed copper, dual twisted pair screened cable in red/black & green white, PVC sheathed, red colour, ~ 6.0 mm o.d., unit weight (approx.) 0.55 kg/ 10 m				
CS-0702	7/0.25 mm annealed copper, dual twisted pair screened in red/black & green/white, screened with aluminized polyester film, polyethylene insulation, with drain wire, polyurethane sheathed, 6.35 mm o.d.				
CS-0703	7/0.25 mm ATC, 6 core in black, white, red, green, brown, blue, screened with aluminized polyester film, polyethylene insulation, with drain wire, polyurethane sheathed, 6.5 mm o.d.				
CS-1002	7/0.25 mm annealed copper, 3 core screened in red, black & green, screened with aluminized polyester film, polyethylene insulation, with drain wire, polyurethane sheathed, 4.7 mm o.d.				
CS-1102	7/0.2 mm annealed copper, dual twisted pair screened cable in red/black & green/white, with dual vent tube, polyurethane sheathed, yellow colour, ~ 10 mm o.d., unit wt.(approx.) 0.095 kg/m				
CS-1302	7/0.2 mm annealed tinned copper, 4 core screened cable in red/black & green/white, screened with aluminum polyester film, polyethylene insulation, with drain wire, Kevlar core, polyurethane sheathed yellow color, maximum service temperature 85°C, ~ 7 mm o.d, unit weight (approx.) 0.53 kg/10 m.				
CS-1303	7/0.25 mm ATC, dual twisted pair signal cable in red/black & green/white, foil shielded; chrome PVC jacket gray color. Maximum service temperature 60° C, ~ 5.5 mm o.d., unit weight (approx.) 0.3 kg/10 m.				

JUNCTION BOX

MODLE SERIES	Input and output
EJB-10-4-YZ	Suitable for connecting input from up to 10 sensors through ten 4-core input cables to one output cable
EJB-10-6-YZ	Suitable for connecting input from up to 10 sensors through 6-core input cables to one output cable
EJB-N-X-YZ	Suitable for connecting input through N (specify number) X-core (specify core) input cables to one output cable. YZ = specify cable code or cable Ø (for input & output cable)



SWITCH BOX

MODLE SERIES	Input and output
ESB-10-4-YZ	Suitable for connecting and switching input from up to 10 sensors through ten 4-core input cables to readout unit and to one output cable.
ESB-12-4-YZ	Suitable for connecting and switching input from up to 12 sensors through twelve 4-core input cables to readout unit and to one output cable.
ESB-12-X-YZ	Suitable for connecting and switching input from up to 12 sensors through X-core (specify core) input cables to readout unit and to one output cable.
ESB-N-X-YZ	Suitable for connecting and switching input through N (specify number) X-core (specify core) input cables to the read out unit and to one output cable. YZ = specify cable code or cable Ø (for input & output cable)



CABLE SPLICING/ JOINTING KIT

MODLE SERIES	Input and output
ECS-05-Y	Suitable for extending length of CS-0404-6/CS-0502/CS-1303 cables with butt crimp terminals (Y – specify cable code); material- ABS.
ECS-06-Y	Suitable for extending other cables with butt crimp terminals (Y - specify cable code); material- FRP/aluminium.
ECS-07	Crimping tool for above.
ECS-08-Y	Suitable for extending cables with screwed terminals (Y - specify cable code); material- FRP/aluminium.
ECJ-10-Y	Suitable for making joint between two 4/6-core jelly filled or water blocking cable ends (Y-specify cable code); material- AISI 420 stainless steel.
ECJ-11-Y	Suitable for making a heavy duty joint between two 4/6-core jelly filled or water blocking cable ends (Y-specify cable code); material- AISI 304 stainless steel.



*All specifications are subject to change without prior notice

DATASHEET | | 1219-12 R02



Dams



Mining



Tunnels



Transportation



Construction



Bridges



Landslides



Energy



Environmental
Monitoring



Pipelines



Structural Health
Monitoring



Smart
Cities