

MULTI CORE CONTROL CABLES

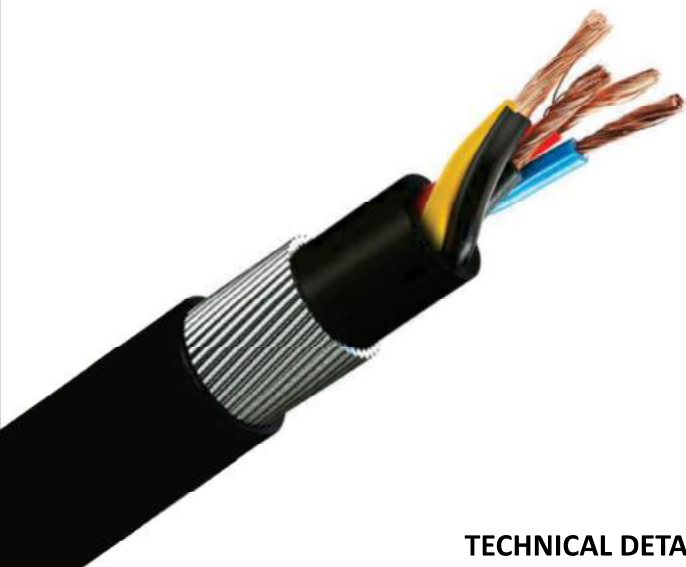


TABLE - 15
TECHNICAL DETAILS FOR JOHNSON CABLES 1.1 KV

1.5 SQ MM COPPER CONDUCTOR XLPE INSULATED UN.ARMoured CONTROL CABLES

Ref Specification : IS 7098 Part-1
CABLE CODE : 2XY

Technical Data

SIZE	NOMINAL INSULATION THICKNESS	MINIMUM INNER SHEATH THICKNESS	MINIMUM OUTER SHEATH THICKNESS	APPROX. OVERALL DIA OF CABLE ± 2 MM	APPROX. WEIGHT OF CABLE	MAX. CONDUCTOR DC RESISTANCE at 20° C (COPPER)	NOMINAL CURRENT RATING COPPER CONDUCTOR	
							GROUND	AIR
mm ²	mm	mm	mm	mm	Kg/Km	Ohm/Km	AMPS	
2 C X 1.5	0.70	0.30	1.80	10.40	140	12.10	32	27
3 C X 1.5	0.70	0.30	1.80	11.00	170	12.10	25	22
4 C X 1.5	0.70	0.30	1.80	11.70	200	12.10	25	22
5 C X 1.5	0.70	0.30	1.80	12.90	230	12.10	24	21

NOTE : 1. THE ABOVE DATA IS APPROXIMATE & SUBJECT TO MANUFACTURING TOLERANCE, 2. DELIVERY LENGTH TOLERANCE +/- 5 %.

TABLE - 16
TECHNICAL DETAILS FOR JOHNSON CABLES 1.1 KV

1.5 SQ MM COPPER CONDUCTOR XLPE INSULATED ARMoured CONTROL CABLES

Ref Specification : IS 7098 Part-1
CABLE CODE : 2XWY

Technical Data

SIZE	NOMINAL INSULATION THICKNESS	MINIMUM INNER SHEATH THICKNESS	NOMINAL ARMOUR WIRE	MINIMUM OUTER SHEATH THICKNESS	APPROX. OVERALL DIA OF CABLE ± 2 MM	APPROX. WEIGHT OF CABLE	MAX. CONDUCTOR DC RESISTANCE at 20° C (COPPER)	NOMINAL CURRENT RATING COPPER CONDUCTOR	
								GROUND	AIR
mm ²	mm	mm	mm	mm	mm	Kg/Km	Ohm/Km	AMPS	
2 C X 1.5	0.70	0.30	1.40	1.24	12.30	340	12.10	32	27
3 C X 1.5	0.70	0.30	1.40	1.24	12.80	390	12.10	25	22
4 C X 1.5	0.70	0.30	1.40	1.24	13.40	415	12.10	25	22
5 C X 1.5	0.70	0.30	1.40	1.24	14.60	470	12.10	24	21

NOTE : 1. THE ABOVE DATA IS APPROXIMATE & SUBJECT TO MANUFACTURING TOLERANCE, 2. DELIVERY LENGTH TOLERANCE +/- 5 %.

MULTI CORE CONTROL CABLES

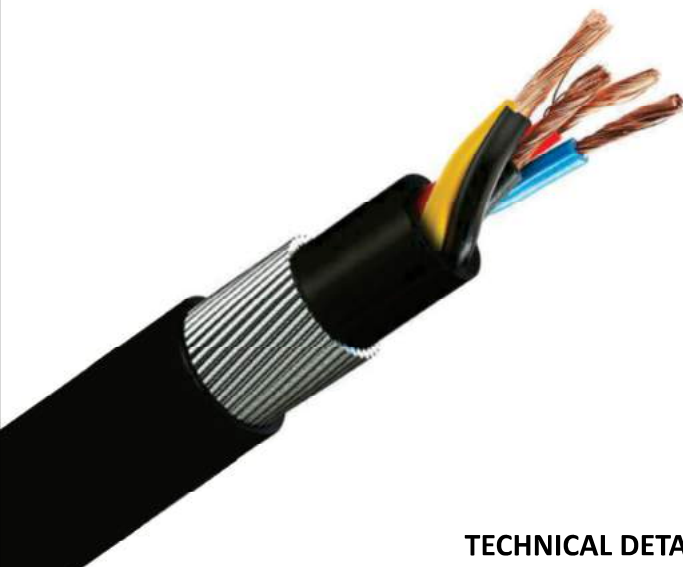


TABLE - 17
TECHNICAL DETAILS FOR JOHNSON CABLES 1.1 KV

2.5 SQ MM COPPER CONDUCTOR XLPE INSULATED UN.ARMoured CONTROL CABLES

Ref Specification : IS 7098 Part-1
CABLE CODE : 2XY

Technical Data

SIZE	NOMINAL INSULATION THICKNESS	MINIMUM INNER SHEATH THICKNESS	MINIMUM OUTER SHEATH THICKNESS	APPROX. OVERALL DIA OF CABLE	APPROX. WEIGHT OF CABLE	MAX. CONDUCTOR DC RESISTANCE at 20° C (COPPER)	NOMINAL CURRENT RATING COPPER CONDUCTOR	
							GROUND	AIR
mm ²	mm	mm	mm	mm	Kg/Km	Ohm/Km	AMPS	
2 C X 2.5	0.70	0.30	1.80	11.30	185	7.41	39	32
3 C X 2.5	0.70	0.30	1.80	11.80	230	7.41	34	30
4 C X 2.5	0.70	0.30	1.80	12.80	260	7.41	34	30
5 C x 2.5	0.7	0.30	1.80	14.00	300	7.41	32	29

NOTE : 1. THE ABOVE DATA IS APPROXIMATE & SUBJECT TO MANUFACTURING TOLERANCE, 2. DELIVERY LENGTH TOLERANCE +/- 5 %.

TABLE - 18
TECHNICAL DETAILS FOR JOHNSON CABLES 1.1 KV

2.5 SQ MM COPPER CONDUCTOR XLPE INSULATED ARMoured CONTROL CABLES

Ref Specification : IS 7098 Part-1
CABLE CODE : 2XWY

Technical Data

SIZE	NOMINAL INSULATION THICKNESS	MINIMUM INNER SHEATH THICKNESS	NOMINAL ARMOUR WIRE	MINIMUM OUTER SHEATH THICKNESS	APPROX. OVERALL DIA OF CABLE	APPROX. WEIGHT OF CABLE	MAX. CONDUCTOR DC RESISTANCE at 20° C (COPPER)	NOMINAL CURRENT RATING COPPER CONDUCTOR	
								GROUND	AIR
mm ²	mm	mm	mm	mm	mm	Kg/Km	Ohm/Km	AMPS	
2 C X 2.5	0.70	0.30	1.40	1.24	13.00	380	7.41	39	32
3 C X 2.5	0.70	0.30	1.40	1.24	13.80	430	7.41	34	30
4 C X 2.5	0.70	0.30	1.40	1.24	14.50	500	7.41	34	30
5 C x 2.5	0.70	0.30	1.40	1.24	15.80	530	7.41	32	29

NOTE : 1. THE ABOVE DATA IS APPROXIMATE & SUBJECT TO MANUFACTURING TOLERANCE, 2. DELIVERY LENGTH TOLERANCE +/- 5 %.