



ACT150

MANUFACTURED TO BRANDREX SPECIFICATION HPECM66

Flexible, Lightweight High Performance Cables with ARC TRACKING RESISTANCE.

CONSTRUCTION

ACT 150 Silver Plated Copper Wire Conductor (24AWG is Nickel Plated Copper Alloy).
 Single Core : Polyimide/FEP taped insulation with PTFE Tape and lacquer finish.
 Screened and Sheathed versions with added collective Silver plated copper wire braid, Polyimide/FEP Tape and Taped PTFE Jacket.
 Multicore : As Single Core, Cores twisted together.
 Screened and Sheathed versions with added Silver plated copper wire braid, Polyimide/FEP Tape and Taped PTFE Jacket.

SCOPE

Operating Temperature from -65°C to +150°C. 600V(r.m.s.) @ 2000Hz.
 These cables meet the requirements of BSG230 Test 42 – Resistance to arc tracking.

Size AWG	Conductor			Finished Cable				
	Strand mm	Nom. Dia. mm	Max. Resistance @ 20°C Ohm/km	Min. O/Dia mm	Max. O/Dia mm	AMP Rating	Max. Weight Kg/Km	P/No.
ACT 150 SINGLE CORE TYPE 01 – INTERCONNECT CABLES								
24	19/0.12	0.56	106.00	0.79	0.97	6.50	2.67	ACT150-01-1-24
22	19/0.15	0.72	58.60	0.94	1.12	8.50	4.02	ACT150-01-1-22
20	19/0.20	0.97	32.50	1.19	1.37	11.50	6.69	ACT150-01-1-20
18	19/0.25	1.22	20.60	1.44	1.62	15.00	10.06	ACT150-01-1-18
16	19/0.30	1.47	14.30	1.69	1.88	19.50	14.11	ACT150-01-1-16
ACT 150 SINGLE CORE TYPE 02 – AIRFRAME CABLES								
24	19/0.12	0.56	106.00	0.90	1.10	6.50	2.96	ACT150-02-1-24
22	19/0.15	0.72	58.60	1.05	1.25	8.50	4.36	ACT150-02-1-22
20	19/0.20	0.97	32.50	1.30	1.50	11.50	7.11	ACT150-02-1-20
18	19/0.25	1.22	20.60	1.55	1.75	15.00	10.55	ACT150-02-1-18
16	19/0.30	1.47	14.30	1.80	2.00	19.50	14.68	ACT150-02-1-16
14	37/0.25	1.71	10.40	2.05	2.25	24.00	19.55	ACT150-02-1-14
12	37/0.32	2.15	6.30	2.51	2.71	35.00	30.06	ACT150-02-1-12

MULTICORE AND SCREENED VERSIONS ALSO AVAILABLE AS LISTED BELOW, PLEASE REQUEST FURTHER INFORMATION IF REQUIRED

TWO CORE TWISTED (NO JACKET)	TYPE 01	INTERCONNECT CABLE	ACT150-01-2-(24 TO 16AWG)
	TYPE 02	AIRFRAME CABLE	ACT150-02-2-(24 TO 12AWG)
THREE CORE TWISTED (NO JACKET)	TYPE 01	INTERCONNECT CABLE	ACT150-01-3-(24 TO 16AWG)
	TYPE 02	AIRFRAME CABLE	ACT150-02-3-(24 TO 12AWG)
	TYPE 02	AIRFRAME CABLE	ACT150-02-4-(24 TO 12AWG)
TWO CORE TWISTED WITH JACKET	TYPE 03	INTERCONNECT CABLE	ACT150-03-2-(24 TO 16AWG)
	TYPE 04	AIRFRAME CABLE	ACT150-04-2-(24 TO 12AWG)
THREE CORE TWISTED WITH JACKET	TYPE 03	INTERCONNECT CABLE	ACT150-03-3-(24 TO 16AWG)
	TYPE 04	AIRFRAME CABLE	ACT150-04-3-(24 TO 16AWG)
FOUR CORE TWISTED WITH JACKET	TYPE 03	INTERCONNECT CABLE	ACT150-03-4-(24 TO 16AWG)
	TYPE 04	AIRFRAME CABLE	ACT150-04-4-(24 TO 16AWG)
SINGLE CORE SCREENED AND JACKETED	TYPE 05	INTERCONNECT CABLE	ACT150-05-1-(24 TO 16AWG)
	TYPE 06	AIRFRAME CABLE	ACT150-06-1-(24 TO 12AWG)
TWO CORE SCREENED AND JACKETED	TYPE 05	INTERCONNECT CABLE	ACT150-05-2-(24 TO 16AWG)
	TYPE 06	AIRFRAME CABLE	ACT150-06-2-(24 TO 12AWG)
THREE CORE SCREENED AND JACKETED	TYPE 05	INTERCONNECT CABLE	ACT150-05-3-(24 TO 16AWG)
	TYPE 06	AIRFRAME CABLE	ACT150-06-3-(24 TO 12AWG)
FOUR CORE SCREENED AND JACKETED	TYPE 05	INTERCONNECT CABLE	ACT150-05-4-(24 TO 16AWG)
	TYPE 06	AIRFRAME CABLE	ACT150-06-4-(24 TO 12AWG)
FOUR CORE TWISTED (NO JACKET)	TYPE 01	INTERCONNECT CABLE	ACT150-01-4-(24 TO 16AWG)

CONTACT US NOW FOR A QUOTATION

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INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.



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