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permanoid



Manufacturers of
Electric Wires, Cables
and Insulating Sleeveings,
P.V.C. Compounds

PERMANOID LIMITED

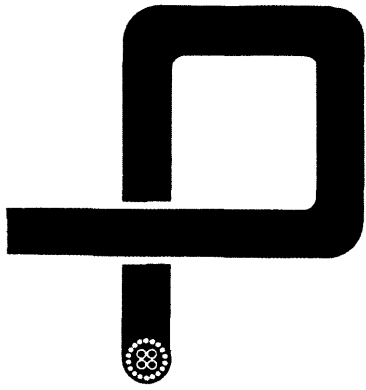
Registered Office:
Hulme Hall Lane
Manchester, M40 8HH, England
Telephone 0161-205 6161/7
Fax 0161-205 9325

Branch at Bristol

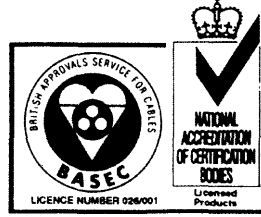
21st August 1995

11. 585-634 RG213 Coaxial (50 Ohms)
7/0.75mm PCW x 2.5mm R/T Polyethylene Insulated, Plain Copper
Wire Braid (95% Coverage), PVC Sheath, O/D 10.28mm Nom.
12. 585-580) RG174 Coaxial (50 Ohms)
585-592) 7/0.16mm Copper Covered Steel x 0.52mm R/T Polyethylene
585-610) Insulated, Tinned Copper Wire Braid (86% Coverage), PVC Sheath.
O/D 2.8mm Nom.





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13. 585-774 7/0.12mm TCW x 0.25mm R/T Polyethylene Insulated (3 Pairs) and Screened Aluminium / Polyester Tape Plus Tinned Copper Drain Wire Plus, 7/0.2mm TCW x 0.25mm R/T PVC Insulated (1 Pair) Screened Aluminium / Polyester Tape Plus Tinned Copper Drain Wire. Overall Tinned Copper Wire Braid (93% Coverage), PVC Sheath. O/D 6.35mm Nom.
Belden 9903 thin ethernet equivalent.
14. 585-658 7/0.25mm TCW x 0.23mm R/T Polyethylene Insulated (9 Pairs) Individually Screened Aluminium / Polyester Tape, Plus Tinned Copper Drain Wire. PVC Sheath. O/D 10.55mm Nom.
Belden 8774 Equivalent.



585-592 to 634

585-592
585-609
585-610

585-622

	POLYTHENE/PVC						PTFE/FEP(PTFE)				
	50 Ohm	75 Ohm	75 Ohm	75 Ohm	93 Ohm	50 Ohm	75 Ohm	75 Ohm	75 Ohm	75 Ohm	
RG Type	RG 58	RG 174 A/U	RG 213 A/U	RG 59	RG 59 B/U Twin	RG 11 A/U	RG 62 B/U	RG 142 B/U	RG 178 B/U	RG 188 B/U	RG 179 B/U
Coductor Type	TC	CCS	PAC	CCS	CCS	TC	CCS	SPCSW	SPCSW	SPCSW	SPCSW
Conductor No/mm	19/0.18	7/0.16	7/0.75	1/0.58	1/0.58	7/0.4	1/0.64	1/0.99	7/0.1	7/0.17	7/0.1
Insulation	POLY	POLY	POLY	POLY	POLY	POLY	POLY	PTFE	PTFE	PTFE	PTFE
Insulation Dia (mm)	2.95	1.52	7.25	3.70	3.70	7.25	3.70	2.95	0.86	1.63	1.60
Screen Braid	TC	TC	PAC	PAC	PAC	TC	TC	DSPCW	SSPCW	SSPCW	SSPCW
Screen Dia (mm)	3.50	1.95	8.13	4.40	4.40	8.13	4.45	4.34	1.37	2.06	2.13
Sheath	PVC	PVC	PVC	PVC	PVC	PVC	PVC	Ext FEP	Ext FEP	Tape PTFE	Ext FEP
Sheath Dia (mm)	4.95	2.80	10.30	6.15	6.15x12.2	10.30	6.15	4.95	1.78	2.59	2.54
Weight Kg/1000 m	37	13	159	52	108	157	50	59	9.10	16	15
Capacitance (pF/m)	100	100	100	67	67	67	40	95	93	95	66
Impedance (ohms)	50	50	50	75	75	75	95	50	50	50	75
Attenuation dB per 100 metres at											
10 MHz								3.71	18.4	19.7	19.0
100 MHz								12.6	44.6	37.4	32.8
400 MHz	39.5	57.5	17.6	29.5	29.5	16.6	25.6	27.6	86.9	65.6	54.1
1000 MHz								44.6	148.0	98.4	75.4
Velocity Ratio	.666	.666	.666	.666	.666	.666	.83	.7	.7	.7	.7

KEY:

PAC-Plain Annealed Copper
CCS-Copper Clad Steel
TC-Tinned Copper

SPC-Silver Plated Copper
SPCSW-Silver Plated Copper Steel Wire
SPCW-Double Silver Plated Copper Wire

SPCW-Single Silver Plated Copper Wire

