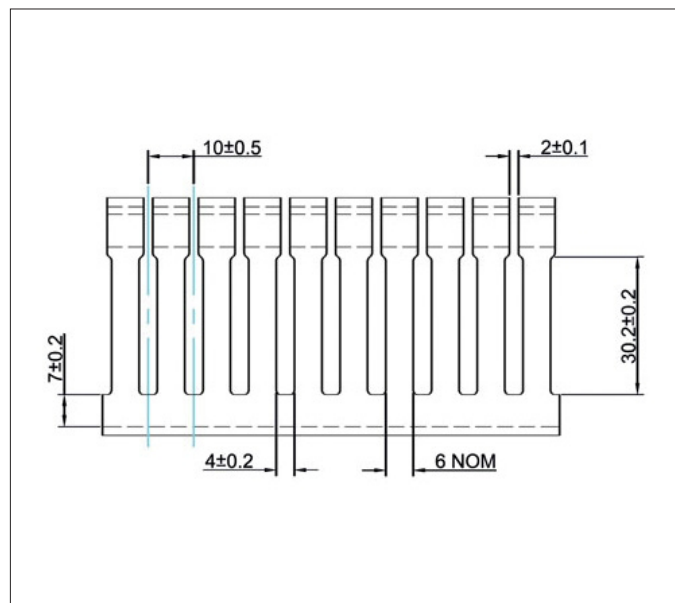
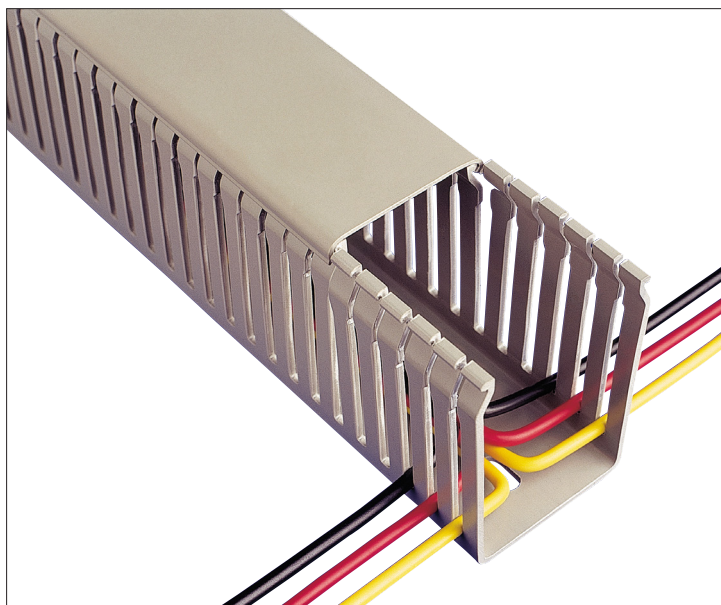




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The Only UK Manufacturer of PVC and LFH Control Panel Ducting

TECHNICAL SPECIFICATION • BETADUCT PVC - NARROW SLOT GREY



DESCRIPTION

Narrow slot PVC Betaduct provides a lightweight self extinguishing cable trunking with excellent rigidity and performance characteristics. Ideal for use with slimmer terminal blocks where more access is required. It improves appearance of panels with cables out in best position. Comes in 20 sizes with 10mm slot pitching. Recommended fixing method; Betaduct rivets and washers.

APPLICATION

Used with slimmer terminal blocks where more access is required, it improves appearance of panels with cables out in best position. For use when bundles, cables and wires need supporting in control panels, distribution boards and switchgear. Ideal for all panel building applications.

SPECIFICATION

Material:	Self-extinguishing PVC
Colour Options:	Grey (RAL 7030)
Service Temperature Range:	-15°C to +60°C
Flammability:	UL94 V-O Rated Material
Standards:	Base slots to DIN 43659. CE, RoHS, UL File No: E161178

PART NUMBERS & SIZES

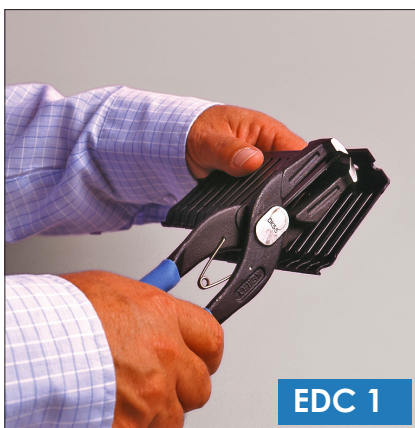
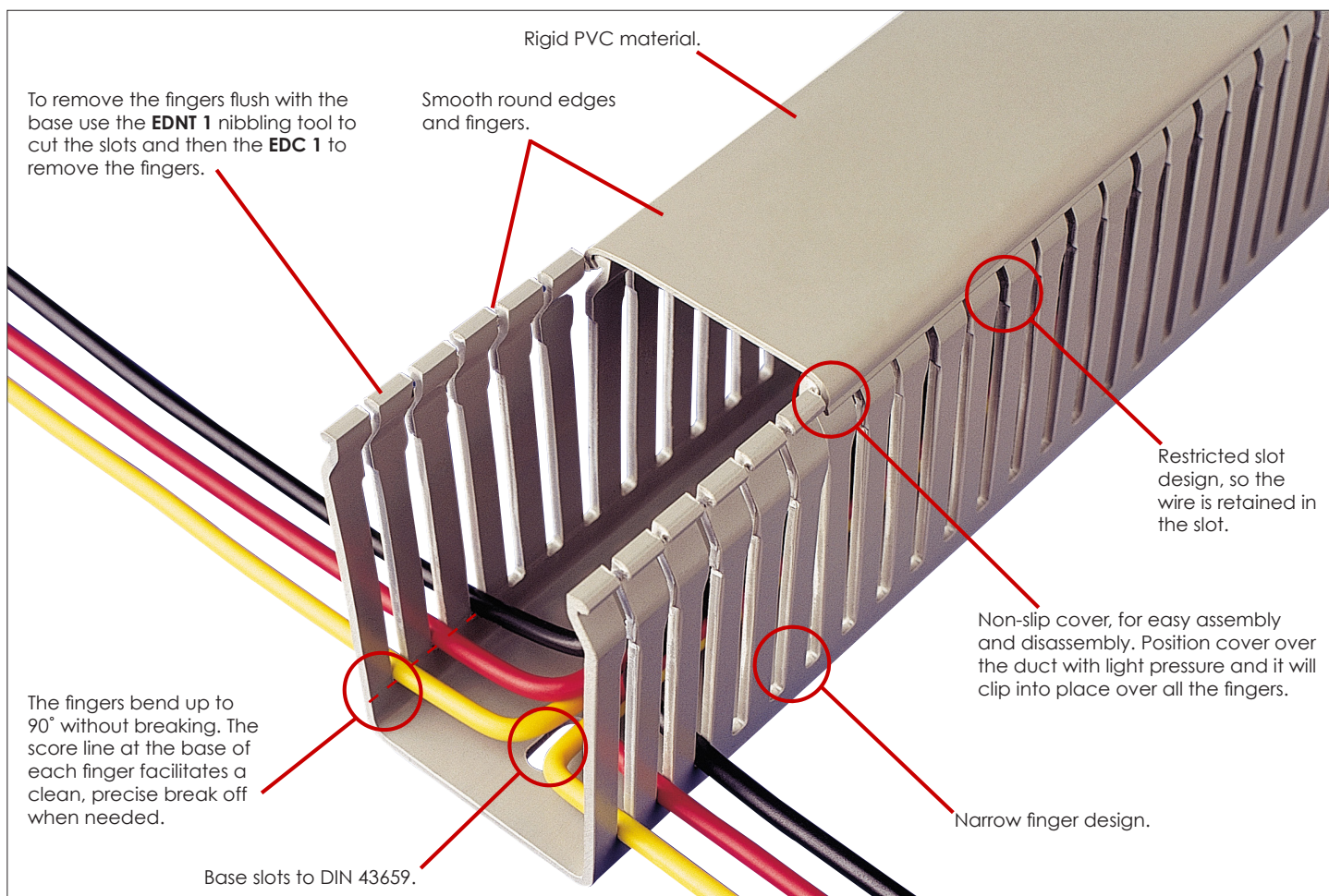
PART NO. GREY NARROW SLOT	NOMINAL SIZE INNER (WxH) mm	NOMINAL SIZE OUTER (WxH) mm	PACK QTY (METRES)
10470018	19 x 50	25 x 53	24
10470022	25 x 37.5	29 x 41	24
10470023	25 x 50	29 x 54	24
10470024	25 x 75	29 x 79	16
10470025	25 x 100	30 x 105	16
10470032	37.5 x 37.5	41 x 41	24
10470033	37.5 x 50	41 x 54	16
10470034	37.5 x 75	41 x 79	16
10470035	37.5 x 100	43 x 105	16
10470052	50 x 37.5	56 x 41	16
10470053	50 x 50	54 x 54	16
10470054	50 x 75	55 x 79	16
10470055	50 x 100	56 x 105	8
10470072	75 x 37.5	80 x 41	16
10470073	75 x 50	78 x 54	16
10470074	75 x 75	80 x 80	16
10470075	75 x 100	80 x 105	8
10470103	100 x 50	107 x 54	8
10470104	100 x 75	107 x 80	8
10470105	100 x 100	107 x 104	8





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FEATURES	BENEFITS
Rigid PVC material	Self-extinguishing PVC.
Narrow finger design	Provides closer spacing for use with high density applications.
Restricted slot design	Saves time during installation, once wires are installed they will remain in the slot with or without cover.
Non-slip cover	Once installed lid will not slip. Easy clip-on assembly and disassembly.
Base slots to DIN 43659	Staggered mounting holes, conforms to DIN standard.
Score line at base of each slot	To facilitate a clean, precise break off.
Smooth round edges	Free from burrs or sharp edges that could lead to abrasions on hands and cables.
Associated cutting tools: EDNT 1, EDC 1.	For clean, precise cutting of trunking fingers.

BETADUCT CAPACITY CHART

TRUNKING SIZE Width x Height mm	CROSS SECTIONAL AREA mm ²	AT 55% PACKING DENSITY mm ²	CABLE CROSS SECTIONAL AREA (mm ²) TRI-RATED CABLE BS6231													
			0.50	0.75	1.00	1.50	2.50	4.00	6.00	10.00	16.00	25.00	35.00	50.00	70.00	95.00
			CABLE DIAMETER (mm)													
			2.7	2.9	3.1	3.4	3.8	4.4	5.1	6.8	8.64	10.16	11.46	13.97	16.46	18.54
MAXIMUM NUMBER OF CABLES																
15 x 15	225	123.75	21	18	16	13	10	8	6	3	2	1	-	-	-	-
19 x 50	950	522.5	91	79	69	57	46	34	25	14	8	6	5	3	2	1
25 x 20	500	275	48	41	36	30	24	18	13	7	4	3	2	1	1	1
25 x 37.5	937.5	515.6	90	78	68	56	45	33	25	14	8	6	4	3	2	1
25 x 50	1250	687.5	120	104	91	75	60	45	33	18	11	8	6	4	3	2
25 x 75	1875	1031.25	180	156	136	113	90	67	50	28	17	12	9	6	4	3
25 x 100	2500	1375	240	208	182	151	121	90	67	37	23	16	13	8	6	5
37.5 x 37.5	1406	773.3	135	117	102	85	68	50	37	21	13	9	7	5	3	2
37.5 x 50	1875	1031.25	180	156	136	113	90	67	50	28	17	12	9	6	4	3
37.5 x 75	2813	1547.15	270	234	204	170	136	101	75	42	26	19	14	10	7	5
37.5 x 100	3750	2062.5	360	312	273	227	181	135	100	56	35	25	19	13	9	7
50 x 25	1250	687.5	120	104	91	75	60	45	33	18	11	8	6	4	3	2
50 x 37.5	1875	1031.25	180	156	136	113	90	67	50	28	17	12	9	6	4	3
50 x 50	2500	1375	240	208	182	151	121	90	67	37	23	16	13	8	6	5
50 x 75	3750	2062.5	360	312	273	227	181	135	100	56	35	25	19	13	9	7
50 x 100	5000	2750	480	416	364	303	242	180	134	75	46	33	26	17	12	10
75 x 37.5	2813	1547.15	270	234	204	170	136	101	75	42	26	19	14	10	7	5
75 x 50	3750	2062.5	360	312	273	273	181	135	100	56	35	25	19	13	9	7
75 x 75	5625	3093.75	540	468	409	410	272	203	151	85	52	38	29	20	14	11
75 x 100	7500	4125	720	624	546	547	363	271	201	113	70	50	39	26	19	15
100 x 50	5000	2750	480	416	364	364	242	180	134	75	46	33	26	17	12	10
100 x 75	7500	4125	720	624	546	454	363	271	201	113	70	50	39	26	19	15
100 x 100	10000	5500	960	832	728	605	484	361	269	151	93	67	53	35	25	20
100 x 125	12500	6875	1200	1040	910	757	606	452	336	189	117	84	66	44	32	25
125 x 75	9375	5156.25	900	780	683	567	454	339	252	141	87	63	49	33	24	19



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