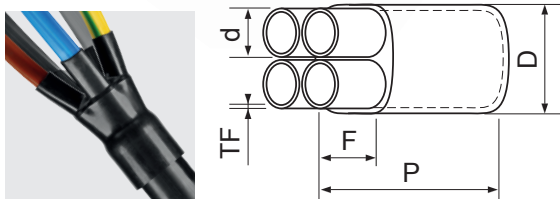


PT heat shrinkable breakouts



PAL2 two output shrinkable breakout

Heat shrinkable breakouts for insulating of cable ends at separated cores, plastic, rubber or resaturated paper insulated.

- used for voltage up to 0,6 / 1kV as a direct electrical insulation
- used for voltage up to 18 / 30kV as a component of heads sets
- possibility to use cables of two, three, four and five cores
- abrasion resistant
- resistant to changing weather conditions
- resistant to most chemicals
- resistant to UV radiation
- made of thermally stabilized polymers
- covered on the inside with hot melt glue, providing the additional seal

Characteristics		
Physical	Density	1,05 ± 0,2 g/cm ³
	Tensile strength	13 N/mm ² (min)
	Elongation at break	400% (min)
	Moisture absorption	0,15% (max)
Physical after aging at 120°C for 500 hours	Longitudinal shrink	10%
	Tensile strength	12 N/mm ² (min)
	Elongation at break	300% (min)
	Slope resistivity	10 ¹⁰ Ωm (min)
Electrical	Dielectric strength	10 kV/mm (min)
	Constant dielectric	5 (max)
Chemical	Corosion	absence
	Resistance to fungus	good

Symbol	∅ main D		∅ output d		Overall length P [mm]		The length of a finger F [mm]	The thickness of the TF [mm]
	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Dimension after total shrinking ± 20%
PAL2_1,5-25-C/1	30	10	12	4	65-68	87-90	15-17	1
PAL2_25-150-C/1	50	24	21	7	85-88	118-121	25-27	2,5
PAL2_50-185-C/1	90	45	43	15	165-170	185-195	60-65	2,2

PAL3 three output shrinkable breakout

Symbol	∅ main D		∅ output d		Overall length P [mm]		The length of a finger F [mm]	The thickness of the TF [mm]
	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Dimension after total shrinking ± 20%
PAL3_1,5-10-C/1	28	9	9	3	55-53	70-72	15-17	1,8
PAL3_6-35-C/1	35	15	13	4	85-88	100-102	20-23	1,8
PAL3_25-120-C/1	55	23	25	8	130-133	165-177	35-37	2,5
PAL3_50-185-C/1	75	28	35	13	170-173	211-215	43-47	3
PAL3_120-300-C/1	110	35	50	17	180-183	210-220	50-55	3,5
PAL3_240-1000-C/1	170	56	64	28	190-200	225-230	56-60	3,5

PAL4 four output shrinkable breakout

Symbol	∅ main D		∅ output d		Overall length P [mm]		The length of a finger F [mm]	The thickness of the TF [mm]
	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Dimension after total shrinking ± 20%
PAL4_1,5-10-C/1	28	9	8	2	55-58	77-80	15-17	1,7
PAL4_6-35-C/1	35	15	13	4	80-83	102-105	20-23	1,8
PAL4_25-120-C/1	55	23	20	8	130-133	167-170	35-38	3
PAL4_35-185-C/1	70	25	25	8	150-153	186-194	32-35	2,5
PAL4_120-400-C/1	95	36	35	14	170-173	220-222	49-53	3
PAL4_185-530-C/1	117	36	46	14	170-173	220-222	49-53	3

PAL5 five output shrinkable breakout

Symbol	∅ main D		∅ output d		Overall length P [mm]		The length of a finger F [mm]	The thickness of the TF [mm]
	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Max. ∅ after Shrinking [mm]	Min. ∅ before Shrinking [mm]	Dimension after total shrinking ± 20%
PAL5_1,5-10-C/1	35	15	20	3	75-80	90-100	19-21	1,8
PAL5_6-35-C/1	50	15	15	4	78-83	95-105	23-25	2
PAL5_25-120-C/1	65	21	20	8	130-133	165-170	35-38	2,3
PAL5_35-185-C/1	70	15	20	13	78-83	95-105	23-25	2