

Technical Performances

Test Item	Test Method	Requirement
Tensile Strength	ASTM D 2671	Minimum 12 MPa
Ultimate Elongation	ASTM D 2671	Minimum 200%
Volume Resistivity	IEC 93	Minimum $10^{14} \Omega\text{-cm}$
Dielectric Strength	IEC 60243	Minimum 12 kV/mm (1.0 mm)
Water Absorption	ISO 62	Maximum 0.5%
Heat Shock (225°C, 4 hrs)	ASTM D 2671	No cracking or dripping
Density	ASTM D 792	1.0 – 1.1 g/cm ³

Dimensions

Type (mm)	Supplied (mm)±10%		D (mm)		l (mm)		Recovered length (mm) ±10%		Recovered wall (mm) ±20%		
	i*	f*	a* (Min.)	b* (Max.)	a* (Min.)	b* (Max.)	L	F	Dw	Iw	
2 Cores cable breakout											
NLB205-22/8	55	16	22	12	11	3.5	60	18	2.2	1.8	
NLB210-30/12	80	22	30	14	14	4.5	84	21	2.6	2.4	
NLB215-40/16	100	30	40	16	15	5.0	110	30	2.2	2.2	
NLB220-60/23	95	21	60	23	25	8.0	105	25	2.4	2.4	
NLB230-90/60	165	45	90	60	30	8.0	170	48	3.0	3.0	
NLB250-160/ 90	290	170	160	92	50	30	310	160	4.5	4.5	
3 Cores cable breakout											
NLB310-38/16	100	35	38	16	15	5	110	30	2.3	2.0	
NLB320-60/25	170	40	60	25	26	8	175	45	3.2	2.8	
NLB325-70/28	175	45	70	28	32	10	180	45	3.3	3.0	
NLB330-80/38	190	50	80	38	34	16	195	55	3.5	3.3	
NLB340-110/50	220	55	110	50	46	19	230	60	3.8	3.5	
NLB350-125/ 57	230	58	125	57	55	20	240	65	3.7	3.3	
NLB360-140/ 70	250	58	140	70	62	26	270	68	3.9	3.6	
NLB370-170/ 77	250	55	170	77	75	28	270	68	3.9	3.6	
4 Cores cable breakout											
NLB410-40/15	95	23	40	15	12	5.0	100	24	2.2	2.0	
NLB420-55/21	145	40	55	21	20	5.5	150	42	2.9	2.7	
NLB425-65/26	170	45	65	26	25	7.5	180	50	3.3	3.1	
NLB430-75/26	180	45	75	26	28	7.5	190	50	3.3	3.1	
NLB440-82/37	170	46	82	37	30	11	180	45	3.3	3.0	
NLB445-90/37	170	46	90	37	32	11	180	50	3.3	3.0	
NLB450-100/47	180	55	100	47	38	12	190	55	3.9	3.3	
NLB460-125/52	215	50	125	52	50	15	240	68	4.0	4.0	
NLB470-160/70	240	50	160	70	64	20	270	68	3.8	3.7	
5 Cores cable breakout											
NLB510-40/19	90	20	40	19	13	4.5	85	20	2.5	2.2	
NLB520-55/24	145	36	55	24	18	5.5	150	40	3.0	2.6	
NLB530-80/33	160	46	80	33	26	8	175	50	3.2	3.0	
NLB540-100/42	185	52	100	42	35	10	195	55	3.5	3.2	

D* = Inner diameter as supplied
d = Inner diameter after fully recovered
w* = Outer Layer Wall thickness after fully recovered

