

75 Ω KX & RG coaxial cables

Max. op. temp.	Dielectric	References according to		Nexans ref.	CONDUCTOR			Dielectric Ø mm	BRAIDS		SHEATH		Av. weight kg/km	Application
		NF. C 93-550	MIL C17		Composition n x Ø mm	Nature	Ø mm		Nb	Nature	Nature	Overall Ø mm		
85°C	PE		RG 59 BU	390650	1 x 0.58	CCS	0.58	3.71 ± 0.10	1	BC	PVC	6.15 ± 0.10	50	①
			KX 6A	373100	7 x 0.20	BC	0.60	3.70 ± 0.12	1	BC	PVC	6.10 ± 0.15	53	①
			RG 11 AU	373135	7 x 0.40	TPC	1.20	7.24 ± 0.18	1	BC	PVC	10.30 ± 0.18	136	①
			RG 216 U	373182	7 x 0.40	TPC	1.20	7.24 ± 0.18	2	BC	PVC	10.80 ± 0.18	177	①
			KX 8	373113	7 x 0.40	BC	1.20	7.25 ± 0.15	1	BC	PVC	10.30 ± 0.20	135	①
200°C and +	PTFE		RG 179 BU (M17/94-RG 179)	081997	7 x 0.10	SPCCS	0.30	1.60 ± 0.08	1	SPC	FEP	2.54 ± 0.13	16.9	②
			RG 187 AU (M17/136-00001)	087244	7 x 0.10	SPCCS	0.30	1.60 ± 0.08	1	SPC	PFA	2.54 ± 0.13	16.9	②

93-95 Ω KX & RG coaxial cables

Max. op. temp.	Dielectric	References according to		Nexans ref.	CONDUCTOR			Dielectric Ø mm	BRAIDS		SHEATH		Av. weight kg/km	Application
		NF. C 93-550	MIL C17		Composition n x Ø mm	Nature	Ø mm		Nb	Nature	Nature	Overall Ø mm		
93 Ω														
85°C	PE		RG 62 AU	373148	1 x 0.64	CCS	0.64	3.71 ± 0.13	1	BC	PVC	6.15 ± 0.18	46	①
95 Ω														
200°C and +	PTFE		RG 180 BU (M17/95-RG 180)	087241	7 x 0.10	SPCCS	0.30	2.59 ± 0.08	1	SPC	FEP	3.58 ± 0.10	27	②
			RG 195 AU (M17/137-00001)	087246	7 x 0.10	SPCCS	0.30	2.59 ± 0.08	1	SPC	PFA	3.58 ± 0.10	27	②

BC : bare copper
 TPC : tin plated copper
 SPC : silver plated copper
 CCS : copper clad steel
 SPCCS : silver plated copper clad steel

① High frequency connections.

② High frequency connections operating at high temperature. By their small dimensions, they are mainly designed for miniaturized connections, operating at high or low temperature.

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Operating temperature Min/Max	Fire properties	Max. op. frequency GHz	Nominal capacitance pF/m	Attenuation (db/100 m)				Dielectric strength kV	Powers at 40°C (kw)				Velocity of propagation	Continuous working voltage
				200 MHz	400 MHz	3000 MHz	10000 MHz		200 MHz	400 MHz	3000 MHz	10000 MHz		
-40 +85	NF C 32070/C2 IEC 60332 – 1&2	1	72.2	16	23	73		7	0.17	0.12	0.042		65.9	1700
-40 +85	NF C 32070/C2 IEC 60332 – 1&2	3	67.0	16	23	73		4.2	0.17	0.12	0.042		65.9	1700
-40 +85	NF C 32070/C2 IEC 60332 – 1&2	1	72.2	9.5	13	45		10	0.42	0.3	0.095		65.9	3700
-40 +85	NF C 32070/C2 IEC 60332 – 1&2	3	72.2	9.5	13	45		10	0.42	0.3	0.095		65.9	3700
-40 +85	NF C 32070/C2 IEC 60332 – 1&2	3	67.0	9.5	13	45		8	0.42	0.3	0.095		65.9	3700
-90 +200	NF C 32070/C1&C2 IEC 60332 – 1	3	75.5	40	56	160		2	0.17	0.11	0.032		69.5	900
-90 +230	NF C 32070/C1&C2 IEC 60332 – 1	3	72.2	40	56	160		2	0.17	0.11	0.032		69.5	900

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				200 MHz	400 MHz	3000 MHz	10000 MHz		200 MHz	400 MHz	3000 MHz	10000 MHz		
-40 +85	NF C 32070/C2 IEC 60332 – 1&2	1	47.6	14	22	100		3					83.0	750
-90 +200	NF C 32070/C1&C2 IEC 60332 – 1	3	50.5	30	43	120		2	0.35	0.25	0.08		69.5	900
-90 +230	NF C 32070/C1&C2 IEC 60332 – 1	3	50.5	30	43	120		2	0.35	0.25	0.08		69.5	900