

Technical Data BUS Cables

Type	Art.No.	impedance at frequency	attenuation at dB/km	capacity pf/km	conductor resistance Ohm per km	temperatur range		minimum bending radius fixed laying	minimum bending radius moving*/installation
						fixed laying	moving		
Profibus	444759	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD	18xD
	444779	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD	18xD
	444760	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD	18xD
	444762	150 Ohm	55 dB at 16 MHz	30	87	-40°C - +70°C	-20°C - +60°C	7,5xD	10xD
	444763	150 Ohm	55 dB at 16 MHz	30	87	-40°C - +70°C	-20°C - +60°C	7,5xD	10xD
	444739	150 Ohm	55 dB at 16 MHz	30	70	-40°C - +70°C	-20°C - +60°C	7,5xD	10xD
	444809	150 Ohm	55 dB at 16 MHz	30	70	-40°C - +70°C	-20°C - +60°C	7,5xD	10xD
	444775	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD	18xD
	444847	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD	18xD
	444821	150 Ohm	49 dB at 16 MHz	30	70	-40°C - +70°C	-20°C - +60°C	7,5xD	10xD
	444773	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +60°C	10xD	18xD
	444816	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +60°C	10xD	18xD
	444840	150 Ohm	42 dB at 16 MHz	30	55	-40°C - +70°C	-20°C - +70°C	10xD	18xD
	444841	150 Ohm	42 dB at 16 MHz	30	55	-40°C - +70°C	-20°C - +70°C	10xD	18xD
	444788	150 Ohm	55 dB at 16 MHz	30	84	-40°C - +70°C	-20°C - +60°C	7,5xD	10xD
	444848	150 Ohm	55 dB at 16 MHz	30	84	-40°C - +70°C	-20°C - +60°C	7,5xD	10xD
Profibus PA	444734	100 Ohm	3 dB at 39 kHz	55	22	-20°C - +70°C	-5°C - +60°C	9xD	18xD
Interbus	444764	100 Ohm	2,7 dB at 1MHz	60	96	-40°C - +70°C	-20°C - +60°C	7,5xD	10xD
	444765	100 Ohm	2,7 dB at 1MHz	60	96	-20°C - +70°C	-5°C - +70°C	7,5xD	15xD
	444771	100 Ohm	5,2 dB at 1MHz	60	96	-20°C - +70°C	-5°C - +60°C	9xD	15xD
	444982	100 Ohm	5,2 dB at 1 MHz	60	22 Power / 96 Bus	-40°C - +70°C	-20°C - +60°C	7,5xD	12xD
CAN-Bus	444695	100-120 Ohm	46 dB at 3 MHz	55	87	-20°C - +70°C	-5°C - +60°C	7,5xD	15xD
	444696	100-120 Ohm	46 dB at 3 MHz	55	87	-20°C - +70°C	-5°C - +60°C	7,5xD	15xD
	444697	100-120 Ohm	46 dB at 3 MHz	55	82	-40°C - +70°C	-20°C - +60°C	7,5xD	15xD
	444698	100-120 Ohm	46 dB at 3 MHz	55	82	-40°C - +70°C	-20°C - +60°C	7,5xD	15xD
Hybrid bus	444742	150 Ohm	58 dB at 16 MHz	30	15 Power / 90 Bus	-40°C - +70°C	-20°C - +60°C	7,5xD	15xD
	444794	not relevant	200 dB at 600 nm	-	15 Power	-40°C - +70°C	-20°C - +60°C	7,5xD	15xD
ASI Bus	482101	not defined	not relevant	80	Klasse 6 acc. to EN 60228	-40°C - +90°C	-25°C - +80°C	7,5xD	10xD
	482150	not defined	not relevant	80	Klasse 6 acc. to EN 60229	-40°C - +80°C	-25°C - +70°C	7,5xD	10xD
	482160	not defined	not relevant	80	Klasse 6 acc. to EN 60230	-40°C - +80°C	-25°C - +70°C	7,5xD	10xD
Ethernet/Profinet Profinet Type A Profinet Type B Profinet Type C	00749079	100 Ohm	8 dB at 16 MHz	50	55	-20°C - +80°C	0°C - +60°C	10	18xD
		100 Ohm	12 dB at 16 MHz	50	55	-20°C - +80°C	0°C - +60°C	10	18xD
		100 Ohm	12 dB at 16 MHz	50	55	-20°C - +80°C	0°C - +60°C	10	13xD
Devicenet 1x2xAWG24+ 2xAWG22	49500307		21 dB at 1 MHz	37	87	-40°C - +80°C	-20°C - +60°C	7,5xD	15xD
	49500306		14 dB at 1 MHz	37	25	-40°C - +80°C	-20°C - +60°C	7,5xD	15xD
Sensor cable		not defined	-	not defined	-				

* optional possible

No responsibility is taken for the correctness of this information, errors and errata excepted

Technische Daten Busleitungen

Typ	Art.Nr.	Wellenwiderstand bei Frequenz	Dämpfung in dB/km	Kapazität pF/km	Leiterwiderstand Ohm per km	Temperaturbereich		Mindestbiegeradius bewegt*/Installation
						fest verlegt	bewegt	
Profibus	444759	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD 18xD
	444779	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD 18xD
	444760	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD 18xD
	444762	150 Ohm	55 dB at 16 MHz	30	87	-40°C - +70°C	-20°C - +60°C	7,5xD 10xD
	444763	150 Ohm	55 dB at 16 MHz	30	87	-40°C - +70°C	-20°C - +60°C	7,5xD 10xD
	444739	150 Ohm	55 dB at 16 MHz	30	70	-40°C - +70°C	-20°C - +60°C	7,5xD 10xD
	444809	150 Ohm	55 dB at 16 MHz	30	70	-40°C - +70°C	-20°C - +60°C	7,5xD 10xD
	444775	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD 18xD
	444847	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +70°C	10xD 18xD
	444821	150 Ohm	49 dB at 16 MHz	30	70	-40°C - +70°C	-20°C - +60°C	7,5xD 10xD
	444773	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +60°C	10xD 18xD
	444816	150 Ohm	42 dB at 16 MHz	30	55	-20°C - +70°C	-5°C - +60°C	10xD 18xD
	444840	150 Ohm	42 dB at 16 MHz	30	55	-40°C - +70°C	-20°C - +70°C	10xD 18xD
	444841	150 Ohm	42 dB at 16 MHz	30	55	-40°C - +70°C	-20°C - +70°C	10xD 18xD
	444788	150 Ohm	55 dB at 16 MHz	30	84	-40°C - +70°C	-20°C - +60°C	7,5xD 10xD
	444848	150 Ohm	55 dB at 16 MHz	30	84	-40°C - +70°C	-20°C - +60°C	7,5xD 10xD
Profibus PA	444734	100 Ohm	3 dB at 39 kHz	55	22	-20°C - +70°C	-5°C - +60°C	9xD 18xD
Interbus	444764	100 Ohm	2,7 dB at 1MHz	60	96	-40°C - +70°C	-20°C - +60°C	7,5xD 10xD
	444765	100 Ohm	2,7 dB at 1MHz	60	96	-20°C - +70°C	-5°C - +70°C	7,5xD 15xD
	444771	100 Ohm	5,2 dB at 1MHz	60	96	-20°C - +70°C	-5°C - +60°C	9xD 15xD
	444992	100 Ohm	5,2 dB at 1 MHz	60	22 Power/ 96 Bus	-40°C - +70°C	-20°C - +60°C	7,5xD 12xD
CAN-Bus	444695	100-120 Ohm	46 dB at 3 MHz	55	87	-20°C - +70°C	-5°C - +60°C	7,5xD 15xD
	444696	100-120 Ohm	46 dB at 3 MHz	55	87	-20°C - +70°C	-5°C - +60°C	7,5xD 15xD
	444697	100-120 Ohm	46 dB at 3 MHz	55	82	-40°C - +70°C	-20°C - +60°C	7,5xD 15xD
	444698	100-120 Ohm	46 dB at 3 MHz	55	82	-40°C - +70°C	-20°C - +60°C	7,5xD 15xD
Hybridbusleitung	444742	150 Ohm not relevant	58 dB at 16 MHz 200 dB at 600 nm	30	15 Power/ 90 Bus	-40°C - +70°C	-20°C - +60°C	7,5xD 15xD
	444794	not relevant	200 dB at 600 nm	-	15 Power	-40°C - +70°C	-20°C - +60°C	7,5xD 15xD
ASI Bus	482101	not defined	not relevant	80	Klasse 6 acc. to EN 60228	-40°C - +90°C	-25°C - +80°C	7,5xD 10xD
	482150	not defined	not relevant	80	Klasse 6 acc. to EN 60229	-40°C - +80°C	-25°C - +70°C	7,5xD 10xD
	482160	not defined	not relevant	80	Klasse 6 acc. to EN 60230	-40°C - +80°C	-25°C - +70°C	7,5xD 10xD
Ethernet/Profinet Profinet Type A Profinet Type B Profinet Type C	00749079	100 Ohm 100 Ohm 100 Ohm	8 dB at 16 MHz 12 dB at 16 MHz 12 dB at 16 MHz	50 50 50	55 55 55	-20°C - +80°C -20°C - +80°C -20°C - +80°C	0°C - +60°C 0°C - +60°C 0°C - +60°C	10 10 10
	49500307	not defined	21 dB at 1 MHz	37	87	-40°C - +80°C	-20°C - +60°C	7,5xD 15xD
	49500306	not defined	14 dB at 1 MHz	37	25	-40°C - +80°C	-20°C - +60°C	7,5xD 15xD
Devicenet 1x2xAWG24+ 2xAWG22	00749079	100 Ohm	not defined	not defined	not defined	-	-	-
	49500307	100 Ohm	not defined	not defined	not defined	-	-	-
1x2xAWG18+ 2xAWG15	00749079	100 Ohm	not defined	not defined	not defined	-	-	-
	49500306	100 Ohm	not defined	not defined	not defined	-	-	-
Sensorleitung		not defined	-	not defined	-	-	-	-

* optional möglich

Alle Angaben ohne Gewähr; Irrtum und Druckfehler vorbehalten.