

## MQ15 male 0° with cable

PVC 4x2.5 bk UL/CSA 25.0m

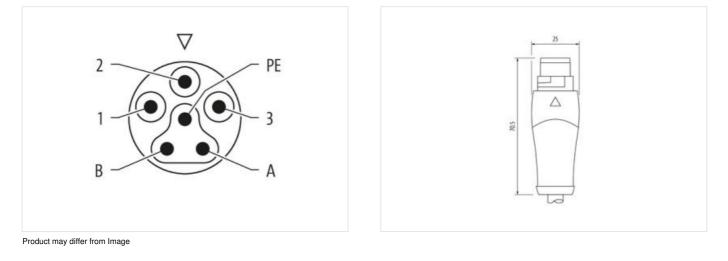
Male straight MQ15, 4-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product





 BK 1	
BK 2	
BK 3	
GN YE	
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25 m

inserted, locked

Cable length

Side 1

Mounting method

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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-17

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Family construction form     MQ15       suitable for corrugated table (internal Ø)     18 mm       Max of poles     4       Degree of protection (EN ECE 60529)     1965, 1967       Side 2     Side 2       Strippin grouph (isckw)     100 mm       Commercial data     27275218       ECLASS-6.0     27275218       ECLASS-6.1     27275218       ECLASS-6.0     27275218       ECLASS-6.0     27275218       ECLASS-6.0     27275218       ECLASS-6.0     27275218       ECLASS-7.0     27275218       ECLASS-8.0     27275218       ECLASS-8.0     27266311       ECLASS-7.0     27066311       ECLASS-7.0     27066311       ECLASS-7.0     27066311       ECLASS-7.0     27066311       ECLASS-7.0     27066311       ECLASS-7.0     27066311       ECLASS-7.0     27066312       ECLASS-7.0     27066314       ECLASS-7.0     27066315       GTIN     4065600601635       Palota Degree of ottact max.     10	Coating contact	silver-plated
Material contact     Capper alloy       No. of poles     4       Degree of protection (EN IEC 60529)     IPES, IPE7       Sife 2	Family construction form	MQ15
Na. of poles     4       Dagree of protection (EN LEC 60520)     IPES, IP67       Stripping length (acket)     100 mm       Commercial date     E       ECLASS 6.0     27279218       ECLASS 6.1     27279218       ECLASS 6.0     27060327       ECLASS 6.0.1     27060327       ECLASS 7.0     27060327       ETM 4.0     4065090601053       Order of the drift drumber     6544250       Gather of the drift drumber     600 V		18 mm
Degree of protection (EN IEC 60529)     IP65, IP67       Side 2     Stripping length (ackd)     10 mn       Commercial data     ECLASS-6.0     27279218       ECLASS-6.0     27279218     ECLASS-6.0       ECLASS-6.0     27060327     ECCELASS-6.0       ECLASS-1.1     27060311     ECCLASS-7.0       ECLASS-12.0     27060327     ETM-6.0       ETM-S.0     EC001855     eatoms taff rumber       Otamation of the stripping unit     1     Eccentradata       Etercical data Supping     500 V     Carent operating per contact max.       Diparating varing per contact max.     10 A     Diparating varing per contact max.       Ibscalation File constion     Type 3     Configuration <td< td=""><td>Material contact</td><td>Copper alloy</td></td<>	Material contact	Copper alloy
Side 2Singpinginglinging	No. of poles	
Shipping length (jacked)     100 mm       Commercial data     7279218       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-6.0     2726027       ECLASS-7.0     27279218       ECLASS-7.0.1     2706031       ECLASS 7.0.1     2706031       Electast data Struttoriant muther     406590961063       Pataging unit     1       Electriast datata Struttoriant muther     100 V	Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data       ECLASS 6.0     27279218       ECLASS 7.0     27279218       ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 8.1     27060327       ECLASS 8.10.1     2706031       ECLASS 8.10.2     27060327       ECLASS 8.2.0     27060327       ETM-5.0     EC001855       custom tariff number     8544230       GTM     4065909601053       Packagn unt     1       Etertical dta   Supply     Operating voltage AC max.       Operating voltage AC max.     16 A       Disposite     Etertical dta   Supply       Operating voltage AC max.     16 A       Disposite     Etertical dta   Monterial dta       Status indication LED     no       Installation JP nassignment     Etertical dta   Supply       Configuratio	Side 2	
ECLASS-6.0     27278218       ECLASS-6.1     27278218       ECLASS-7.0     27278218       ECLASS-7.0     27278218       ECLASS-6.0     27278218       ECLASS-6.0     27278218       ECLASS-6.0     270903927       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060327       CutAST-10.1     27060311       ECLASS-12.0     27060311       CutAST-10.1     27060311       ECLASS-12.0     27060327       cutAST-10.1     27060311       CutAST-10.1     27060311       ECLASS-12.0     27060311       CutAST-10.1     27060311       ECLASS-12.0     27060311       CutAST-10.1     27060311       Ectifical funt     4065909061053       Pakaging unit     1       Ectifical fall Supply     0       Current operating par contact max.     6.0       Current operating par contact max.     10.0       Installation I Connection     part       Stabus indicalon LED     no </td <td>Stripping length (jacket)</td> <td>100 mm</td>	Stripping length (jacket)	100 mm
ECLASS-6.1     27278218       ECLASS-7.0     27278218       ECLASS-7.0     27278218       ECLASS-8.0     27278218       ECLASS-10.1     27060327       ECLASS-11.1     27060327       ECLASS-12.0     27060327       ECLASS-11.1     27060327       ECLASS-12.0     27060327       ECLASS-13.1     27060327       ECLASS-14.0     27060327       ETIM-5.0     EC001855       outsform tariff number     85444290       GTIN     406509061053       Packaging unit     1       Electrical data [Supply     Corrent operating voltage AC max.       Operating voltage AC max.     16 A       Diagnostics     Status indication LED       Striping length (gcket)     100 mm       Installation   Pin assignment     Configuration       Configuration     party used       Device protection [ Electrical     Configuration       Additional condition protection degree     inserted, locked       Pollution Degree     3       Rated surge voltage     6 kV       Material consulice	Commercial data	
ECLASS-7.0     27278218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27000327       ECLASS-1.1     27060311       ECLASS-1.2.0     27000327       ECLASS-1.2.0     27000327       ETM-5.0     EC001855       customs tariff number     8544289       GTN     4065909081053       Packaging unit     1       Etertical data   Supply     Current operating per contact max.       Granting per contact max.     600 V       Current operating per contact max.     600 V       Coding     Toperating variant per contact max.       Installation   Connection     Internet variant variant per contact max.       Coding     Type 3       Configuration     parity used       Device protection   Electrical Actional condition protection degree     3       Rated surge voltage     6 kV       Material dovoltage     6 kV	ECLASS-6.0	27279218
ECLASS-7.0     27278218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27000327       ECLASS-1.1     27060311       ECLASS-1.2.0     27000327       ECLASS-1.2.0     27000327       ETM-5.0     EC001855       customs tariff number     8544289       GTN     4065909081053       Packaging unit     1       Etertical data   Supply     Current operating per contact max.       Granting per contact max.     600 V       Current operating per contact max.     600 V       Coding     Toperating variant per contact max.       Installation   Connection     Internet variant variant per contact max.       Coding     Type 3       Configuration     parity used       Device protection   Electrical Actional condition protection degree     3       Rated surge voltage     6 kV       Material dovoltage     6 kV		
ECLASS-0.0     27060327       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060327       ETM-5.0     EC001855       customs tariff number     85444290       GTIN     4065930961053       Packaging unit     1       Etercical data  Supply     Correction Session Sessicus Sessicus Session Session Session Sessicus Session Session Se		
ECLASS-9.0     27060327       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060327       ETM-5.0     EC001855       customs tariff number     85444290       GTIN     4065930061053       Packaging unit     1       Etertical data   Supply     Corrent operating per contact max.       Operating voltage AC max.     600 V       Current operating per contact max.     600 V       Diagnostics     Status indication LED       Status indication LED     no       Installation   Connection     Status indication LED       Strippi length (jackel)     100 mm       Installation   Pin assignment     Coofiguration       Configuration     partity used       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Rated surge voltage     6 kV       Material group (IEC 60664-1)     1		
ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060327       ETMA-5.0     EC001855       customs tatiff number     85444290       GTIN     406590961033       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     600 V       Current operating per contact max.     16 A       Diagnostice        Status indication LED     no       Installation   Connection        Stripping length (jacket)     100 mm       Installation   Pin assignment        Configuration     partly used       Device protection   Electrical        Additional condition protecton degree     inserted, locked       Pollution Degree     3       Rated surge voltage     6 kV       Material drate idata [Mounting data        Looking techniques     bayonet-locking       Displetention (Electrical        Oution Degree     3       Rated surge voltage     6 kV       Material ottage		
ECLASS-11.1     27060311       ECLASS-12.0     27060327       ETIM-5.0     EC001855       outsoms taiff number     85444290       GTIN     4065909061053       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     600 V       Current operating per contact max.     16 A       Diagnostics     Status indication LED       Status indication LED     no       Installation   Connection     Itom M       Stripping length (jacket)     100 mm       Installation   Pin assignment     Coding       Coding     Type 3       Configuration     partry used       Device protection   Electrical     Polution Degree       Additional condition protection degree     inserted, locked       Polution Degree     3       Rated surge voltage     6 kV       Material rousing     PUR       Material rousing     PUR       Material contact carrier     PA       Mechanical data   Mounting data     -30 °C       Looking techniques     bayonet-l	ECLASS-10.1	27060311
ETIM-5.0 EC001855   customs tarift number 8544290   GTIN 406590961053   Packaging unit 1   Etertical data   Supply    Operating voltage AC max. 600 V   Current operating per contact max. 16 A   Diagnostics    Status indication LED no   Installation   Connection    Stripping length (tacket) 100 mm   Installation   Pin assignment    Coding Type 3   Config Type 3   Configuration partly used   Polution Degree 3   Raterial group (IEC 60664-1) 1   Material condition protection degree inserted, locked   Polution Degree 3   Rated surge voltage 6 kV   Material data   Material data Material data   Material contact carrier PA   Material contact carrier PA   Mechanical data   Mounting data Looking   Looking techniques bayonet-locking   Environmental characteristis   Cimatic -30 °C   Operature temperature max. 85 °C   Additional condition temperature range depending on cable quality		
customs tariff number   85444290     GTIN   4065909061053     Packaging unit   1     Electrical data   Supply   Operating voltage AC max.     Operating voltage AC max.   600 V     Current operating per contact max.   16 A     Diagnostics   Status indication LED   no     Installation   Connection   Stripping length (lacket)   100 mm     Installation   Pin assignment   Coding   Type 3     Configuration   parity used   Device protection   Electrical     Additional condition protection degree   inserted, locked   Pollution Degree     Packarge voltage   6 kV   Material rouge (EC 60664-1)   1     Material rouge (EC 60664-1)   1   Image: Common C	ECLASS-12.0	27060327
GTIN   4065909061053     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   600 V     Current operating per contact max.   16 A     Diagnostics      Status indication LED   no     Installation   Connection      Stripping length (jacket)   100 mm     Installation   Pin assignment      Coding   Type 3     Configuration   parity used     Device protection   Electrical      Additional condition protection degree   inserted, locked     Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   I     Material data      Material contact carrier   PA     Mechanical data   Mounting data      Looking techniques   bayonet-locking     Environmental characteristics   Climatic      Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	ETIM-5.0	EC001855
Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 600 V   Current operating per contact max. 16 A   Diagnostics    Status indication LED no   Installation   Connection    Stripping length (jacket) 100 mm   Installation   Connection    Coding Type 3   Configuration partly used   Device protection   Electrical   Additional condition protection degree inserted, locked   Polution Degree 3   Rated surge voltage 6 k V   Material group (IEC 60664-1) 1   Mechanical data   Material data   Material contact carrier PA   Mechanical catarier PA   Metrial contact carrier PA   Metrial contact carrier PA   Metrial characteristics   Climitic Operating temperature max.   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	customs tariff number	85444290
Electrical data   Supply     Operating voltage AC max.   600 V     Current operating per contact max.   16 A     Diagnostics      Status indication LED   no     Installation   Connection      Stripping length (jacket)   100 mm     Installation   Pin assignment      Coding   Type 3     Configuration   party used     Device protection   Electrical      Additional condition protection degree   inserted, locked     Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   1     Meterial housing   PUR     Material out carrier   PA     Mechanical data   Mounting data      Looking techniques   bayonet-locking     Environmental characteristics   Climatic      Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	GTIN	4065909061053
Operating voltage AC max.     600 V       Current operating per contact max.     16 A       Diagnostics     Status indication LED     no       Installation   Connection     Installation   Connection     Stripping length (jacket)     100 mm       Installation   Pin assignment     Coding     Type 3     Type 3       Configuration     party used     Device protection   Electrical     Additional condition protection degree     inserted, locked       Pollution Degree     3     State singe of the state singe of the state singe of the state surge voltage     6 kV       Material group (IEC 60664-1)     I     I     Mechanical data   Material data       Material proup (IEC 60664-1)     I     I     Mechanical data   Material data       Material group (IEC 60664-1)     I     I     Mechanical data   Material data       Material group (IEC 60664-1)     I     I     Mechanical data   Material data       Material contact carrier     PA     Mechanical data   Mounting data     I       Looking techniques     bayonet-locking     I     I       Mechanical data   Mounting data     I     I     I     I	Packaging unit	1
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Diagnostics     Status indication LED   no     Installation   Connection   Installation   Connection     Stripping length (jacket)   100 mm     Installation   Pin assignment   Coding     Coding   Type 3     Configuration   partly used     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   inserted, locked     Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   I     Material contact carrier   PA     Material housing   PUR     Material contact carrier   PA     Mechanical data   Mounting data   Looking techniques     Looking techniques   bayonet-locking     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Operating voltage AC max.	600 V
Status indication LED   no     Installation   Connection   100 mm     Installation   Pin assignment   7ype 3     Coding   Type 3     Configuration   partly used     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   inserted, locked     Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   1     Material group (IEC 60664-1)   1     Material group (IEC 60664-1)   1     Material data   Material data     Material nousing   PUR     Material housing   PUR     Material contact carrier   PA     Device protection gene   bayonet-locking     Environmental characteristics   Climatic   Company     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Current operating per contact max.	16 A
Installation   Connection     Stripping length (jacket)   100 mm     Installation   Pin assignment     Coding   Type 3     Configuration   partly used     Device protection   Electrical     Additional condition protection degree   inserted, locked     Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data     Material nousing   PUR     Material contact carrier   PA     Mechanical data   Mounting data   Looking     Looking techniques   bayonet-looking     Environmental characteristics   Climatic   Operating temperature min.     -30 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality	Diagnostics	
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Installation   Pin assignment     Coding   Type 3     Configuration   partly used     Device protection   Electrical   Image: Comparison of the second	Installation   Connection	
CodingType 3Configurationpartly usedDevice protection   ElectricalAdditional condition protection degreeinserted, lockedPollution Degree3Rated surge voltage6 kVMaterial group (IEC 60664-1)1Mechanical data   Material dataMaterial contact carrierPAMaterial contact carrierPAMechanical data   Mounting dataLooking techniquesbayonet-lockingEnvironmental characteristics   ClimaticOperating temperature min30 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quality	Stripping length (jacket)	100 mm
Configuration   partly used     Device protection   Electrical     Additional condition protection degree   inserted, locked     Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data     Material nousing   PUR     Material contact carrier   PA     Mechanical data   Mounting data     Looking techniques   bayonet-locking     Environmental characteristics   Climatic     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Installation   Pin assignment	
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Additional condition protection degree   inserted, locked     Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Material housing   PUR     Material contact carrier   PA     Mechanical data   Mounting data   I     Looking techniques   bayonet-locking     Environmental characteristics   Climatic   -30 °C     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Configuration	partly used
Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Material housing   PUR     Material contact carrier   PA     Mechanical data   Mounting data   I     Looking techniques   bayonet-locking     Environmental characteristics   Climatic   Operating temperature min.     -30 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality	Device protection   Electrical	
Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Material housing   PUR     Material contact carrier   PA     Mechanical data   Mounting data   I     Looking techniques   bayonet-locking     Environmental characteristics   Climatic   Operating temperature min.     -30 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality	· ·	inserted locked
Rated surge voltage   6 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Material data     Material housing   PUR     Material contact carrier   PA     Mechanical data   Mounting data   Looking techniques     Looking techniques   bayonet-locking     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	· ·	
Material group (IEC 60664-1)   I     Mechanical data   Material data   PUR     Material housing   PUR     Material contact carrier   PA     Mechanical data   Mounting data   Looking techniques     Looking techniques   bayonet-locking     Environmental characteristics   Climatic   -30 °C     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Mechanical data   Material data     Material housing   PUR     Material contact carrier   PA     Mechanical data   Mounting data   Experimental characteristics   Climatic     Looking techniques   bayonet-locking     Environmental characteristics   Climatic   Operating temperature min.   -30 °C     Operating temperature max.   85 °C   Additional condition temperature range   depending on cable quality		1
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Material contact carrier   PA     Mechanical data   Mounting data   Environmental characteristics   Climatic     Looking techniques   bayonet-locking     Environmental characteristics   Climatic   -30 °C     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Mechanical data   Mounting data     Looking techniques   bayonet-locking     Environmental characteristics   Climatic     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	-	
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Environmental characteristics   Climatic     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
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Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality		
Additional condition temperature range depending on cable quality		
Conformity		depending on cable quality
	Conformity	
Product standard IEC 61076-2-116		IEC 61076-2-116
Installation   Cable	Installation   Cable	
STOOW style jacket Power	STOOW style jacket	Power

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Cable identification	P72
Cable Type	1
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 3, black 2, black 1, green-yellow
Cable weigth	167,75 g/m
Material jacket	PVC
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	8,8 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	2,85 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	140
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	2,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Electrical function wire	Power
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	20,8 A
Electrical function wire	Power
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV
Power frequency withstand voltage (wire - jacket)	10 kV
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° ℃
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	0° 08
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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