

Furukawa HDTV Camera Cable Line-up

Furukawa's Optical Cable for
TV Camera Supporting

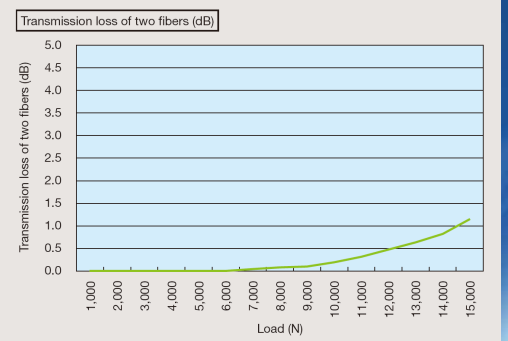
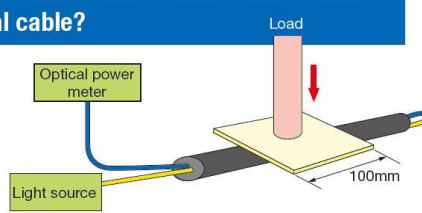
"Digital Broadcasting" and
"High-Definition TV Broadcasting"

Standard	Applications	Cable Type	Outer Diameter (mm)	Bending Radius (mm)	Approximate Mass (g/m)	Conductor Resistance (Ω /km)	Remarks
Japan Standard ARIB	Flexible Cable	2SM-9.2-37.5	9.2	55	120	37.5	
		2SM-12-37.5	12.0	72	150	37.5	
		2SM-16-37.5	16.0	96	270	37.5	
U.S. Standard SMPTTE		TV-OM-AMS	9.2	55	120	37.5	AWM21480
		TV-OM-HAMS	12.0	72	150	37.5	AWM21480
		TV-OM-SAMS	16.0	96	270	37.5	AWM21480
FURUKAWA Standard		2SM-6.8-98.3	6.8	41	65	98.3*	Lightweight & Tinner
		TV-OM-FAMS	6.8	41	65	98.3*	Lightweight & Tinner
		Fixed Cable	TV-OM-CMR	9.2	55	122	37.5
	TV-OM-LSZH		9.2	55	120	37.5	IEC61034
	TV-OM-AMS-LAP		12.8	77	190	37.5	Aluminium LAP
	TV-OM-AMS-SLA		8.8	53	110	37.5	Almost same as AWM21480
	TV-OM-CMR-SLA		8.8	53	110	37.5	Almost same as UL444
TV-OM-LSZH-SLA	8.8	53	110	37.5	Almost same as IEC61034		

* Non loop

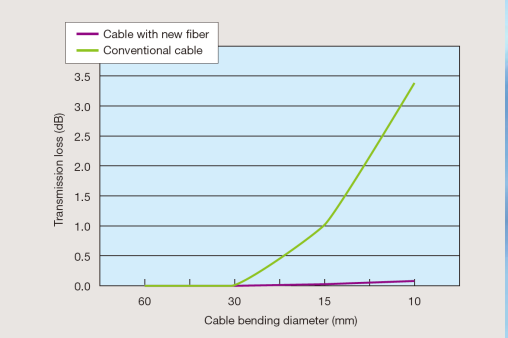
What if a heavy load falls onto the optical cable?

The results will depend on what structure the cable you stepped on has. As for the cables of the Company, increase in transmission loss generally appears at approximately 10,000N as illustrated in the Figure. But loss increase can appear at around 5,000N depending on the structural design or material selection.



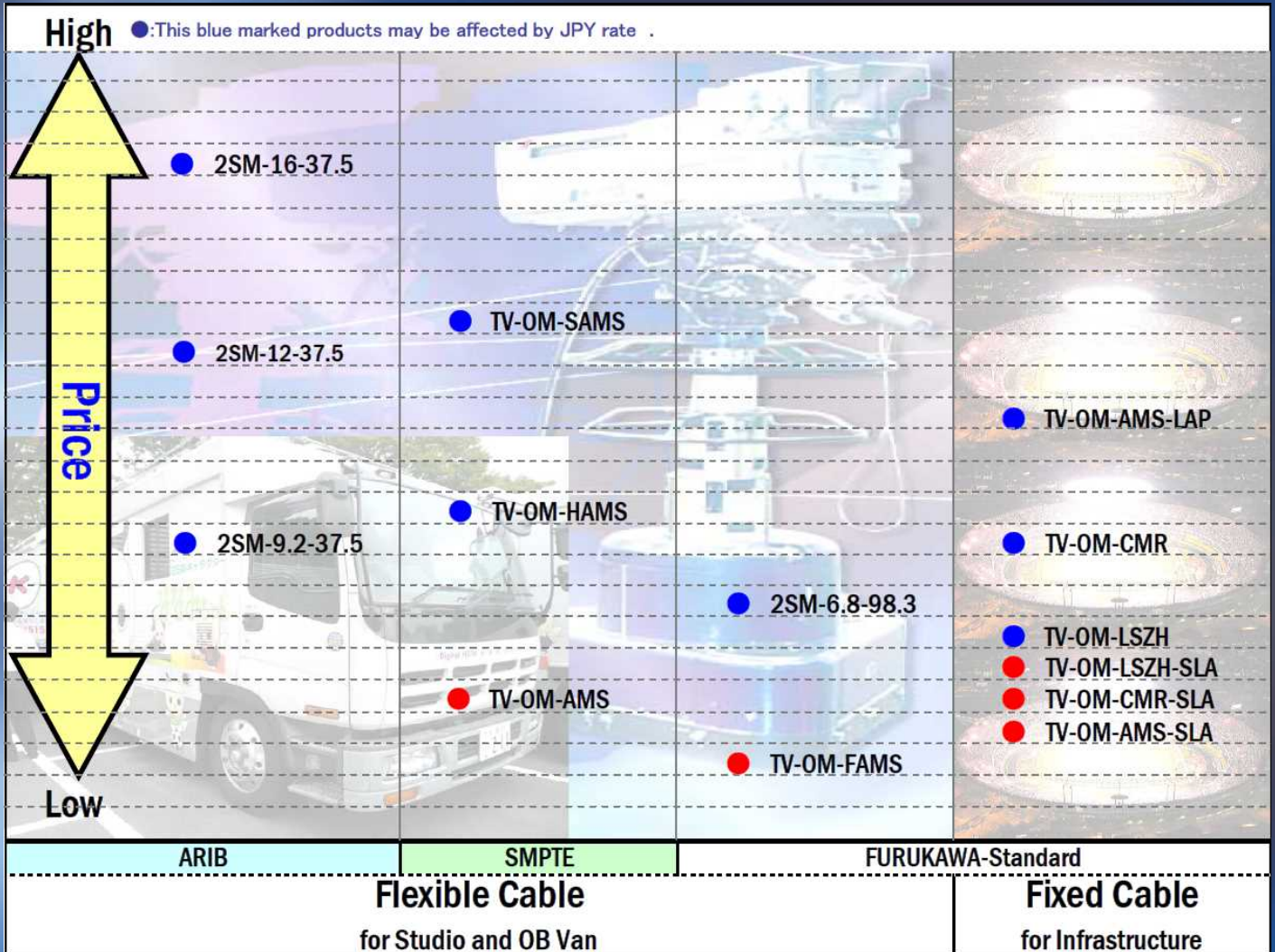
To what degree of bending can an optical cable resist for light transmission?

The Figure shows the performance of our cable using the new optical fiber with maximized bendability in comparison with that of conventional ones.



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(Cable Price image)



Furukawa group's Distributor

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American Furukawa, Inc. (AFI)

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